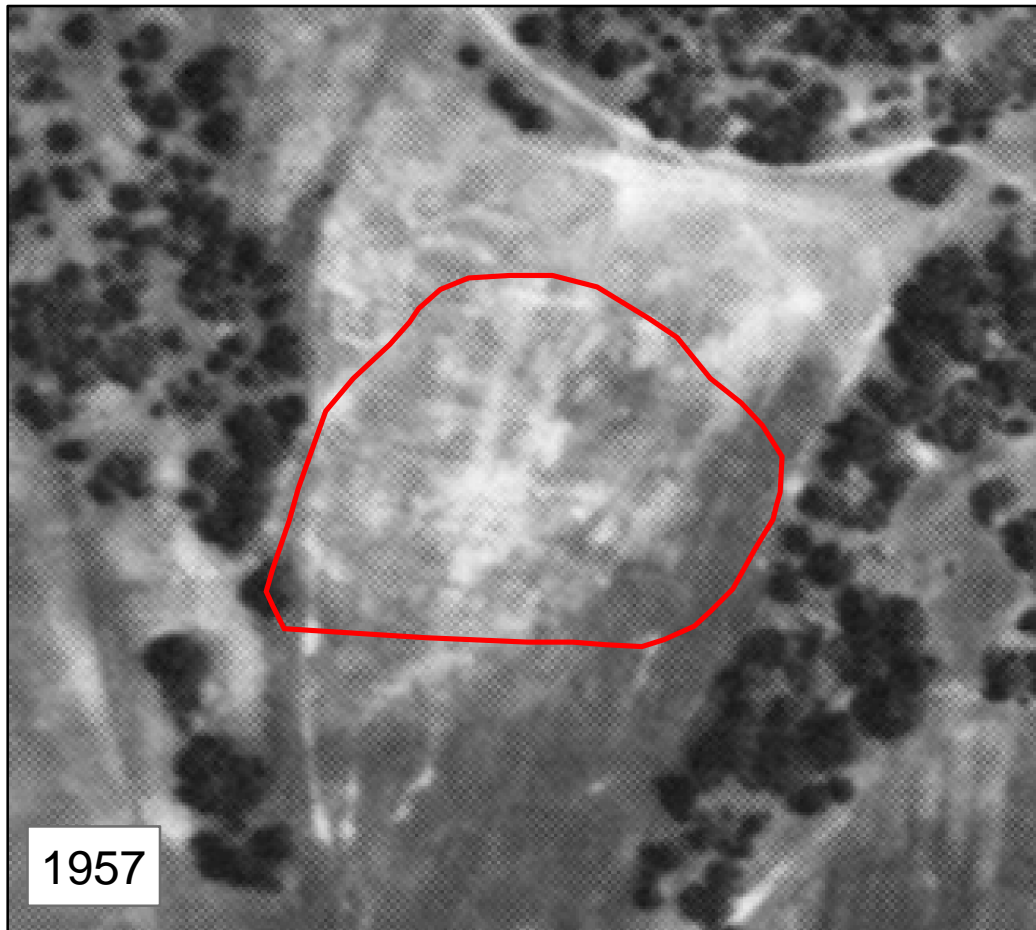


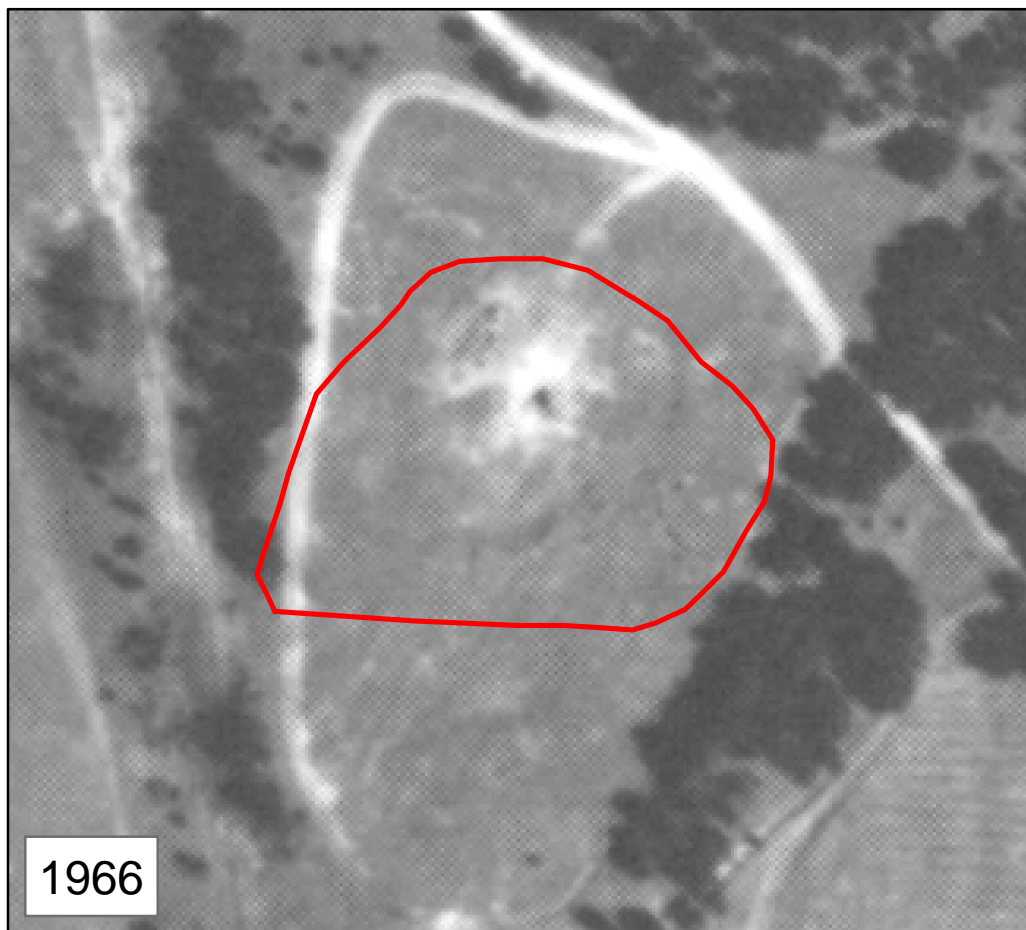
ATTACHMENT C

Handouts

**Aerial Photos of SWMUs and Summary Tables for Chemical Constituents
Detected in Site Soils and Comparison to Residential PCL Criteria**



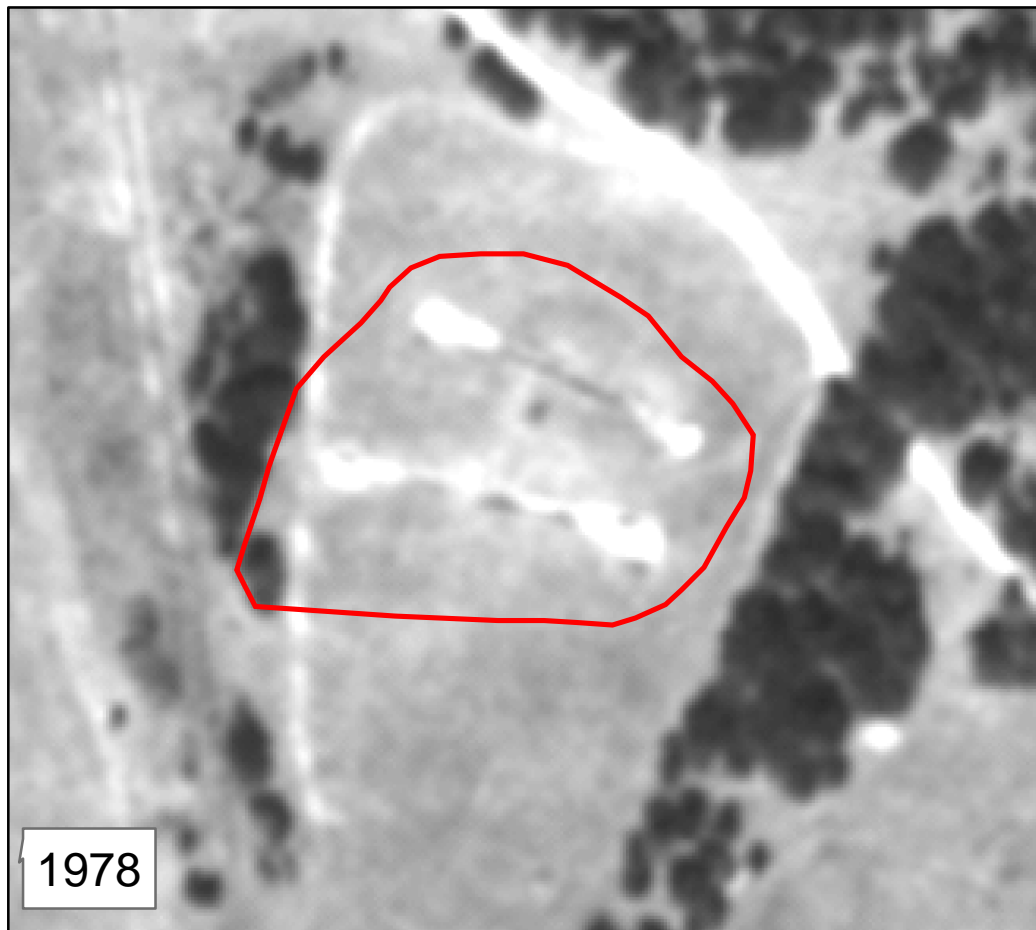
1957



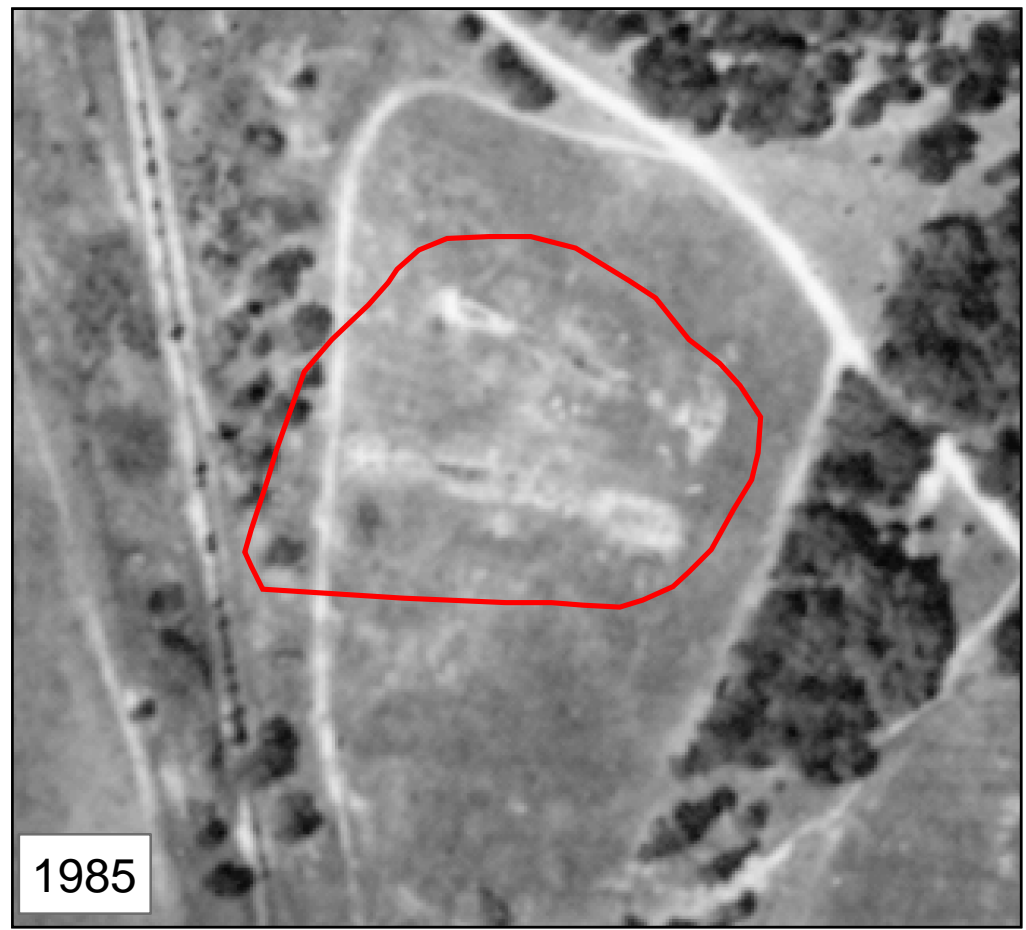
1966



2003



1978



1985

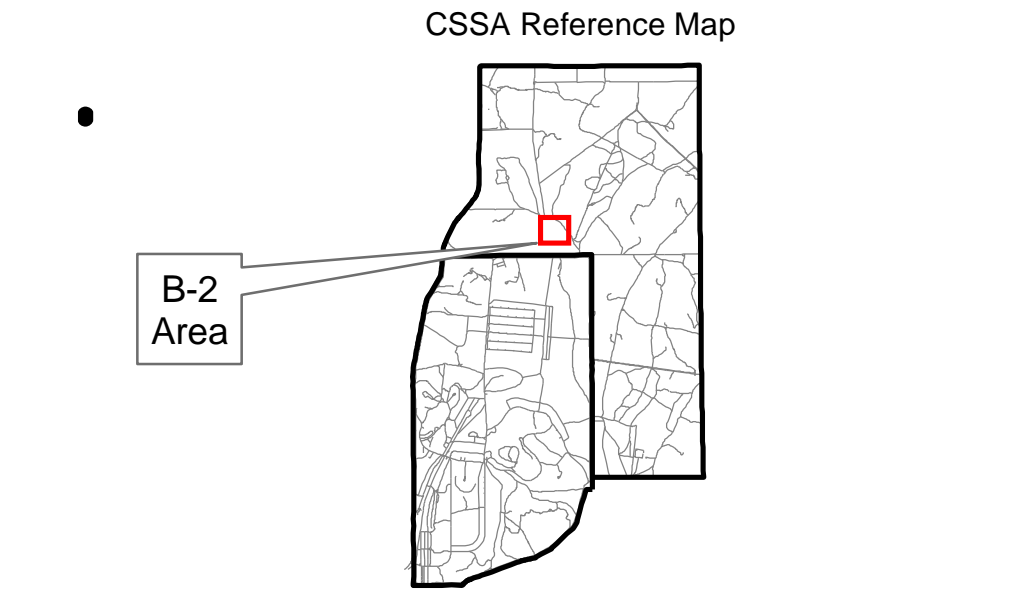
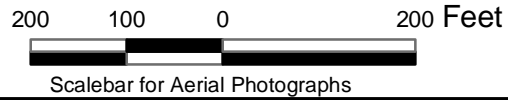
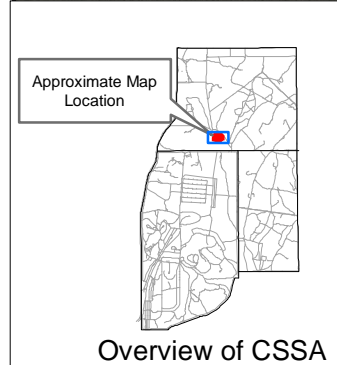


Figure 2-9
SWMU B-2
Aerial Photographs
Camp Stanley Storage Activity
Parsons



Aerial Photo Date: 2003

- Surface Soil Results > 30-Acr Residential Human Health PCL
- Soil Results < 30-Acr Residential Human Health PCL
- Proposed sample locations

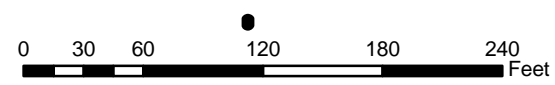


Figure 2-10
 SWMU B-2
 Sample Location Map
 Camp Stanley Storage Activity
 Parsons

Table 2-6
Summary of Chemical Constituents Detected in Soils, 1995
SWMU B-2

Constituent	Soil Comparison Criteria				Lab MDL	Lab PQL	Soil Sample Analytical Results ^d									
	Res SurfSoil PCL	Res SurfSoil PCL Source	Res SubSoil PCL	Res SubSoil PCL Source			B2-SB1	B2-SB1 ^d	B2-SB1	B2-SB1	B2-SB2	B2-SB2	B2-SB2	B2-SB3	B2-SB3	B2-SB3
VOCs, SW8260 (mg/kg):																
Toluene	4.105	R30acr_GW_Soil_Ing	4.105	R30acr_GW_Soil_Ing	NA	0.003	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.003 U ₁	0.006
SVOCs, SW8270 (mg/kg)^e:																
Butylbenzylphthalate	1348.601	R30acr_GW_Soil_Ing	1348.601	R30acr_GW_Soil_Ing	NA	1	1	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁
Di-n-butylphthalate	1658.745	R30acr_GW_Soil_Ing	1658.745	R30acr_GW_Soil_Ing	NA	1	6	4	7	5	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁
Metals, SW6010 (mg/kg):																
Cadmium	17.7	R30acr_GW_Soil_Ing	17.7	R30acr_GW_Soil_Ing	NA	0.25	1.1 U ₂	1.4 U ₂	0.47 U ₂	0.54 U ₂	2.3 U ₂	0.91 U ₂	0.48 U ₂	0.63 U ₂	0.99 U ₂	0.8 U ₂
Chromium	1200.096	R30acr_GW_Soil_Ing	1200.096	R30acr_GW_Soil_Ing	NA	0.5	6.7	8.4	2.1 U ₂	2.3 U ₂	14	3.7	1.9 U ₂	2.8 U ₂	4.4	2.3 U ₂
Copper	547.59	Tier 2	547.59	Tier 2	NA	0.5	3.0	4.0	1.7	1.7	8.1	2.2	1.3	1.7	3.6	4.5
Lead	500	R30acr_GW_Soil_Ing	2082	Tier 2	NA	1.5	6.4	7.9	1.5 U ₁	2.0	18	2.5	1.5 U ₁	1.5 U ₁	3.8	3.3
Manganese	576.8506	R30acr_GW_Soil_Ing	576.8506	R30acr_GW_Soil_Ing	NA	0.5	110	140	56	45	250	100	3.9	61	84	64
Nickel	78.68	R30acr_GW_Soil_Ing	78.68	R30acr_GW_Soil_Ing	NA	0.5	3.8	5.1	2.3	4.4	8.3	2.1	7	2	2	4.5

Constituent	Sample ID	B2-SB4	B2-SB4	B2-SB4	B2-SB4 ^d	B2-SB5	B2-SB5	B2-SB5
	Depth (ft)	1.8-3.0	10.0-11.0	29.0-30.0	29.0-30.0	0.0-1.7	9.0-10.0	29.0-30.0
	Date Collected	3/6/1995	3/6/1995	3/6/1995	3/6/1995	3/6/1995	3/6/1995	3/6/1995
VOCs, SW8260 (mg/kg):								
Toluene		0.003 U ₁	0.003 U ₁	0.003 U ₁	0.006	0.003 U ₁	0.003 U ₁	0.01
SVOCs, SW8270 (mg/kg)^e:								
Butylbenzylphthalate		1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁
Di-n-butylphthalate		1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁	1 U ₁
Metals, SW6010 (mg/kg):								
Cadmium		1.9 U ₂	0.74 U ₂	1.5 U ₂	1.3 U ₂	0.78 U ₂	0.54 U ₂	1 U ₂
Chromium		12	3.4	2.7 U ₂	1.3 U ₂	3.7	2.2 U ₂	3.7
Copper		7.6	2.0	3.3	1.9	2.2	1.5	3.6
Lead		16	2.9	3.1	2.4	3.5	1.5 U ₁	4.7
Manganese		290	87	59	62	56	76	60
Nickel		8.0	3.2	5.3	3.3	2.6	2.2	4.4

Abbreviations and Notes:

^a All samples were analyzed by Chemron Inc., San Antonio, Texas. All results reported on a wet-weight basis.

Residential surface soil 0 to 15 ft; subsurface soil > 15 ft.

This table presents laboratory results for analytes detected over the practical quantitation limit; no results were over the 30-acre human health protective concentration levels.

^d Duplicate sample

^e Sixteen semivolatile analytes were not detected, but the results were rejected due to deficiencies in quality control criteria. The presence or absence of the analytes cannot be verified.

This site was overexcavated to approximately 10 ft, therefore soil boring results for less than 10 ft have been overexcavated and are only presented for former site characterization.

mg/kg Milligram per kilogram

PQL Practical quantitation limit

VOC Volatile organic compound

SVOC Semivolatile organic compound

**Table 2-7
Summary of Chemical Constituents Detected in Soils, 2004/2005
SWMU B-2**

	Sample ID		MDL	RL	B2-SW27		B2-SW28		B2-SW28		B2-SS01		B2-SS02		B2-SS03		B2-SS04		B2-SS05		B2-SS06		B2-SS07		B2-SS08		B2-SS08		B2-SS09		B2-SS10		B2-SS11																
	Sample Date	Sample Type			Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil												
	Lab ID	Res SurfSoil PCL			Res SurfSoil PCL Source																																												
SW8270C (mg/kg)																																																	
Di-n-butylphthalate	1658.745	R30acr_GW_Soil_Ing	0.04	0.7																																													
SW8330 (mg/kg)																																																	
Dinitrotoluene, 2,4-RDX	0.1577	Tier 2	100	400																																													
	0.0184211	R30acr_GW_Soil_Ing	0.08	1.0								0.0800	M	1																																			
SW8260B (mg/kg)																																																	
Toluene	4.105181	R30acr_GW_Soil_Ing	0.001	0.005								0.0010	U	1	0.0010	U	1	0.0010	U	1	0.0010	U	1	0.0010	U	1	0.0019	F	1	0.0023	F	1	0.0023	F	1														
SW6010B (mg/kg)																																																	
Chromium	1200.096	R30acr_GW_Soil_Ing	0.1	20								14.9	F	1	11.3	F	1	25.7		1	12.0	F	1	14.6	F	1	17.1	F	1	15.5	F	1	14.3	F	1	14.3	F	1											
Nickel	78.68263	R30acr_GW_Soil_Ing	0.12	2.0								6.13		1	4.67		1	16.13		1	5.30		1	5.42		1	8.42		1	7.05		1	7.30		1	7.30		1											
SW7131A (mg/kg)																																																	
Cadmium	17.7	R30acr_GW_Soil_Ing	0.01	0.1								0.80	M	5	0.35	M	2	0.56	M	2	0.29	M	1	0.25	M	1	0.30	M	1	0.30	M	1	0.41	M	2	0.41	M	2											
SW7421 (mg/kg)																																																	
Lead	500	R30acr_GW_Soil_Ing	0.13	0.5	37.03		20	48.34		20	373.26		200	52.62		20	76.08		20	287.24		100	151.70		50	94.09		20	73.44		20	63.12		20	73.33		20	73.33		20	60.91		20	60.03		25	98.96		50

Tables present all laboratory results for analytes detected above the method detection limit. All samples were analyzed by APPL Laboratories. Referenced laboratory package numbers: 43475, 46489. Overexcavated samples were deleted from this table. All samples are surface soil (depth 0 to 1 ft).
Data Qualifiers:
 B - The analyte was found in an associated blank, as well as in the sample.
 F - The analyte was positively identified, but the associated numerical value is below the RL.
 J - The analyte was positively identified, the quantitation is an estimation.
 M - A matrix effect was present.
 R - The data are unusable due to deficiencies in the ability to analyze the sample and meet Q.
 U - The analyte was analyzed for, but not detected. The associated numerical value is the MI.

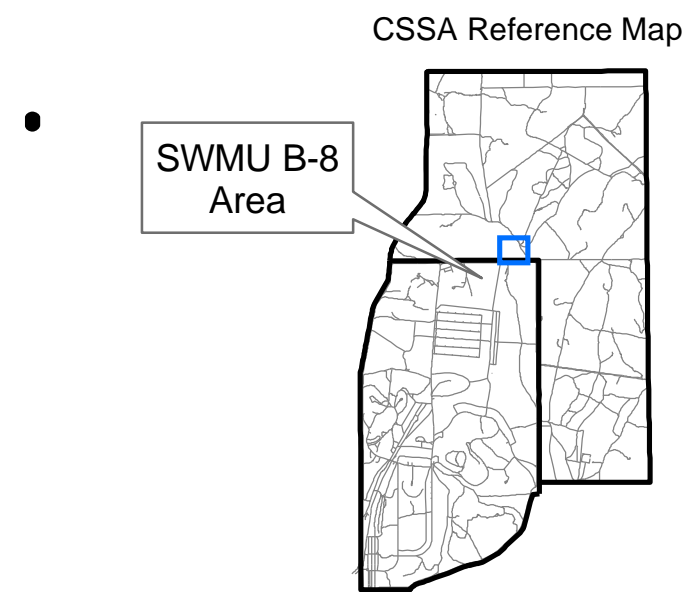
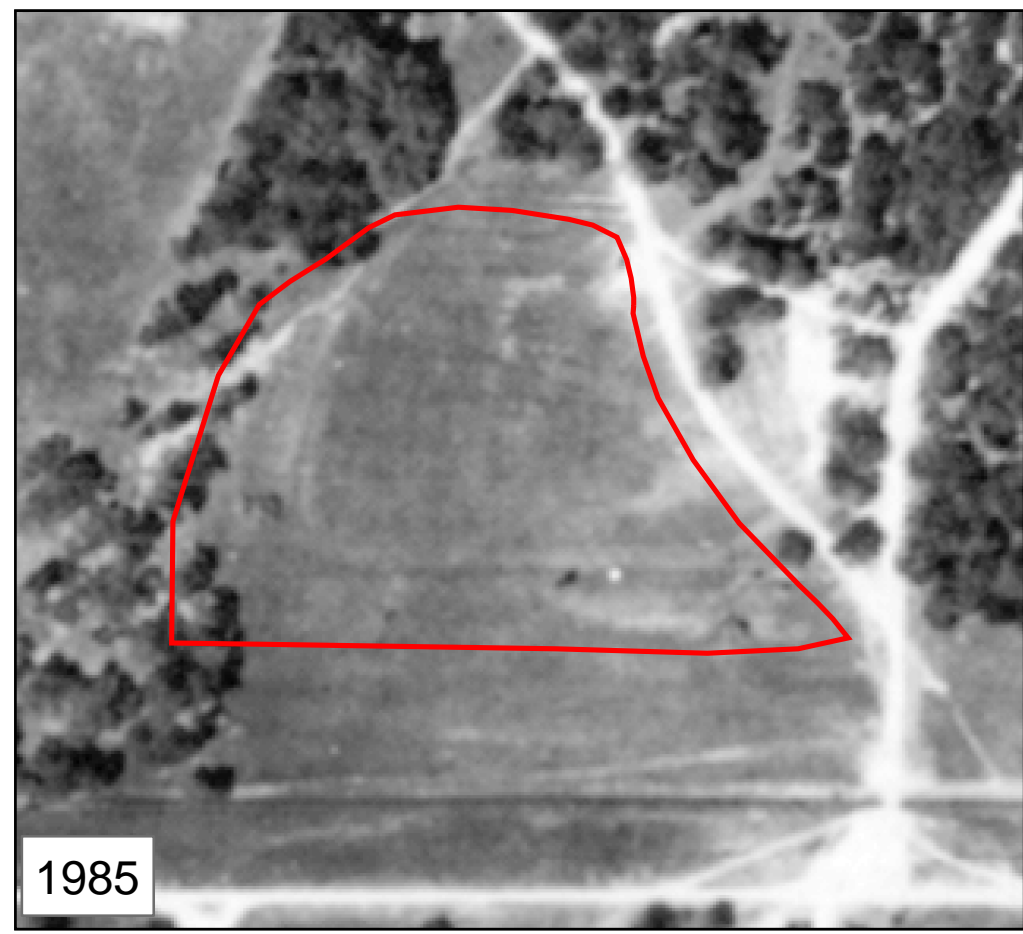
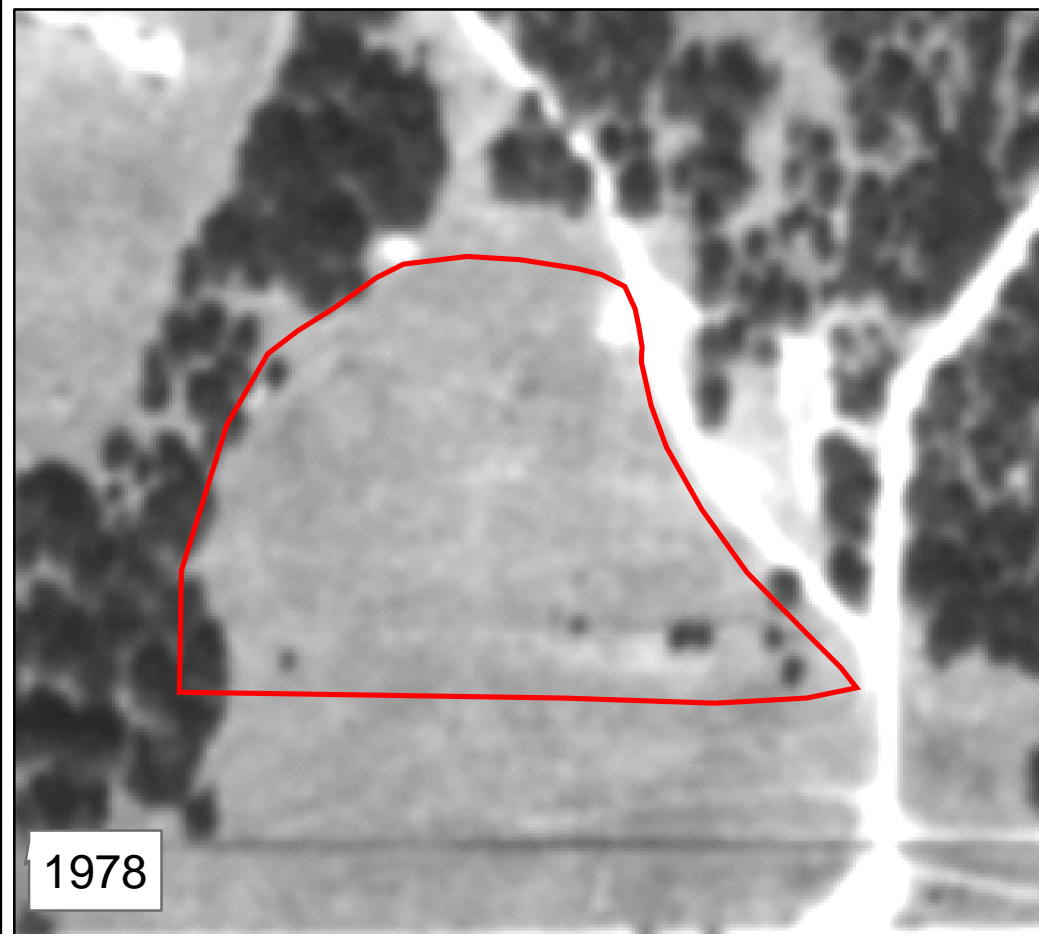
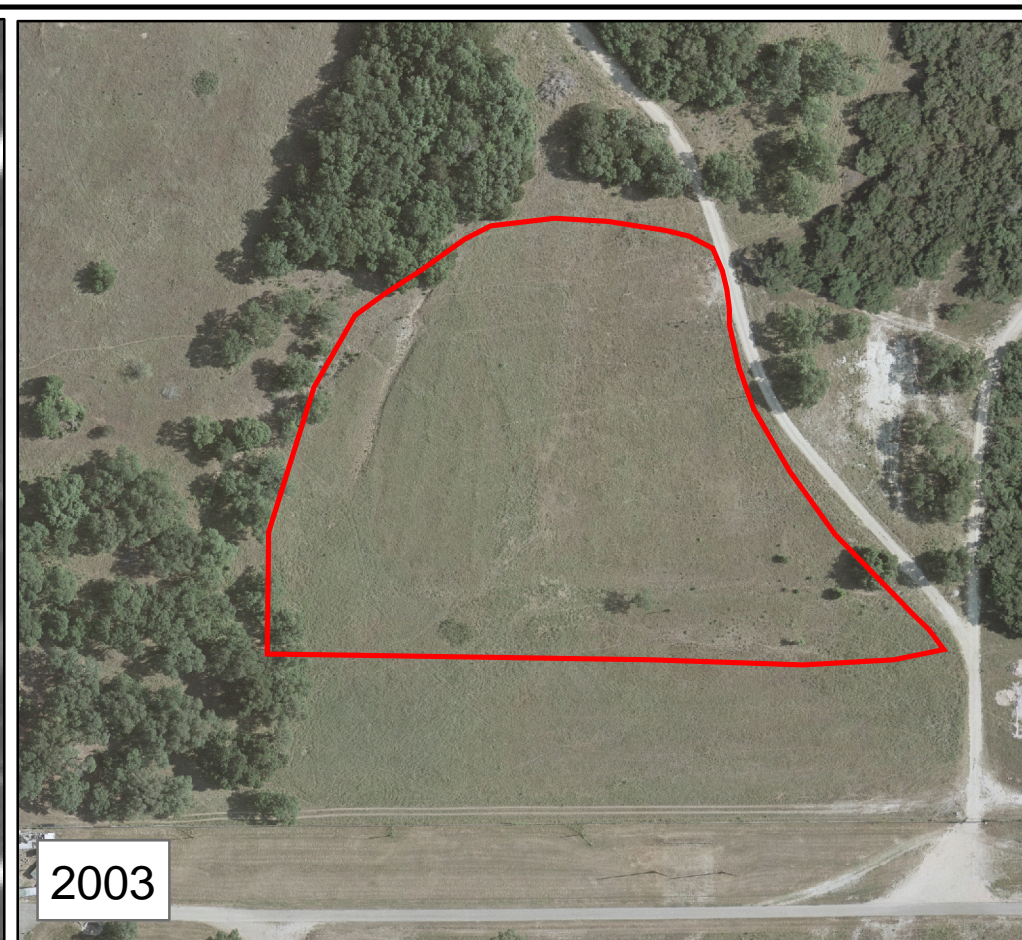
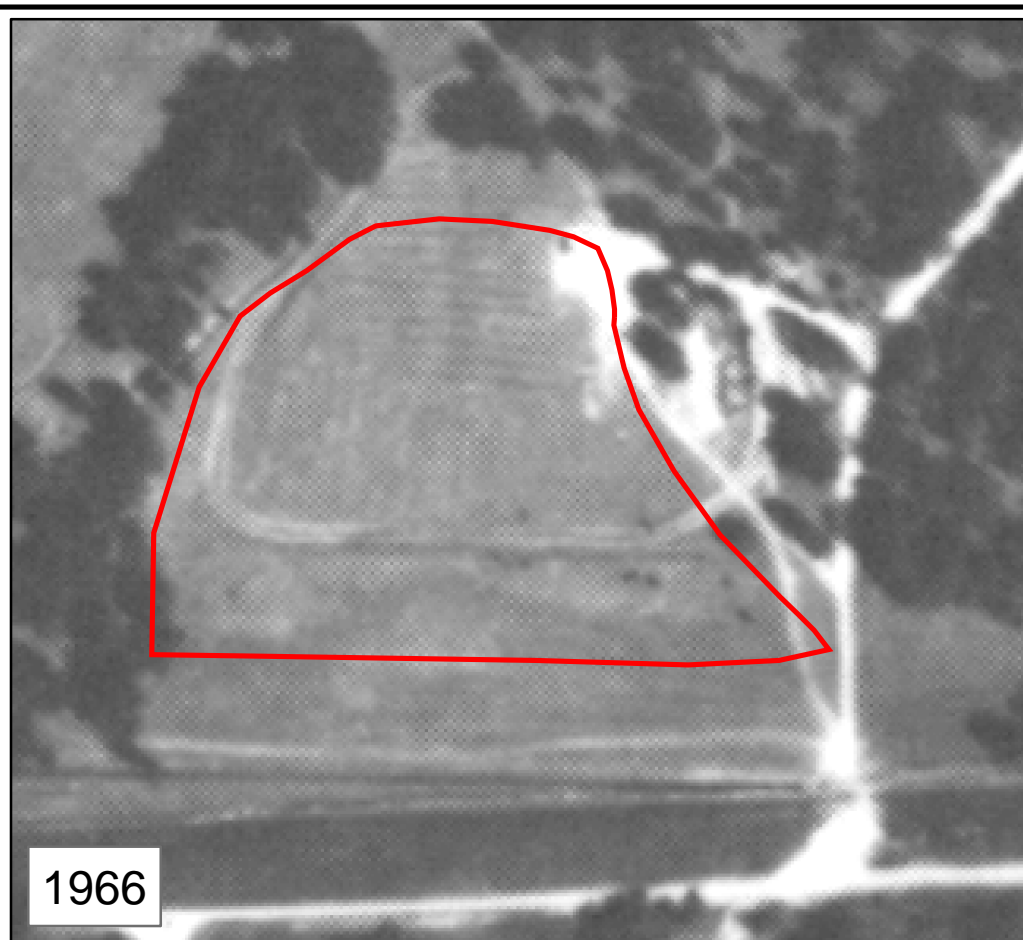
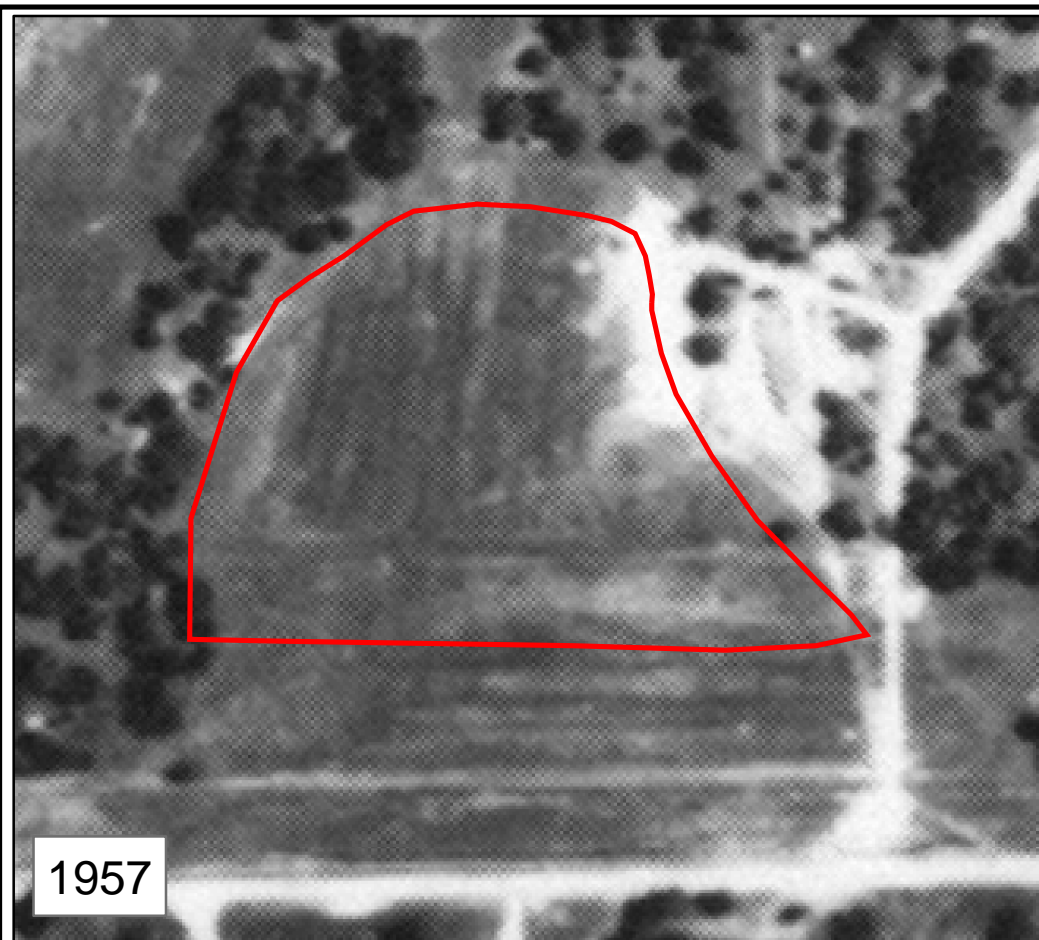
Abbreviations and Notes:
 Highlighted and bolded sample concentrations exceed Tier 2 human health 30-acre resident levels.
 Dil - Dilution
 FD1 - Field Duplicate
 MDL - Method Detection Limit
 N1 - Environmental Sample
 RL - Reporting Limit

**Table 2-7
Summary of Chemical Constituents Detected in Soils, 2004/2005
SWMU B-2**

	Sample ID		Sample Date		Sample Type		Lab ID		B2-SS12		B2-SS12		B2-SS13		B2-SS14		B2-SS15		B2-SS16		B2-SS17		B2-SS18		B2-SS19		B2-SS20		B2-SS20		B2-SS21																		
	Res SurfSoil PCL	Res SurfSoil PCL Source	MDL	RL	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dil	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL																
SW8270C (mg/kg) Di-n-butylphthalate	1658.745	R30acr_GW_Soil_Ing	0.04	0.7																																													
SW8330 (mg/kg) Dinitrotoluene, 2,4-RDX	0.1577 0.0184211	Tier 2 R30acr_GW_Soil_Ing	100 0.08	400 1.0																																													
SW8260B (mg/kg) Toluene	4.105181	R30acr_GW_Soil_Ing	0.001	0.005																																													
SW6010B (mg/kg) Chromium	1200.096	R30acr_GW_Soil_Ing	0.1	20																																													
Nickel	78.68263	R30acr_GW_Soil_Ing	0.12	2.0																																													
SW7131A (mg/kg) Cadmium	17.7	R30acr_GW_Soil_Ing	0.01	0.1																																													
SW7421 (mg/kg) Lead	500	R30acr_GW_Soil_Ing	0.13	0.5	141.83		50	139.02		50	2622.30		1000	10350.97		2500	88.93	M	40	0	748.91		M	400	0	274.71	M	100	0	66.38	M	20	0	36.41	M	10	0	206.89	M	100	0	253.33	M	100	0	40.98	M	20	0

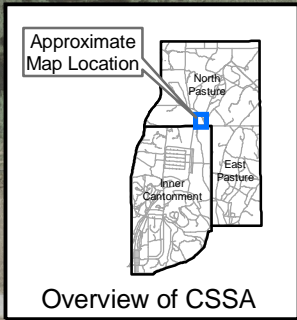
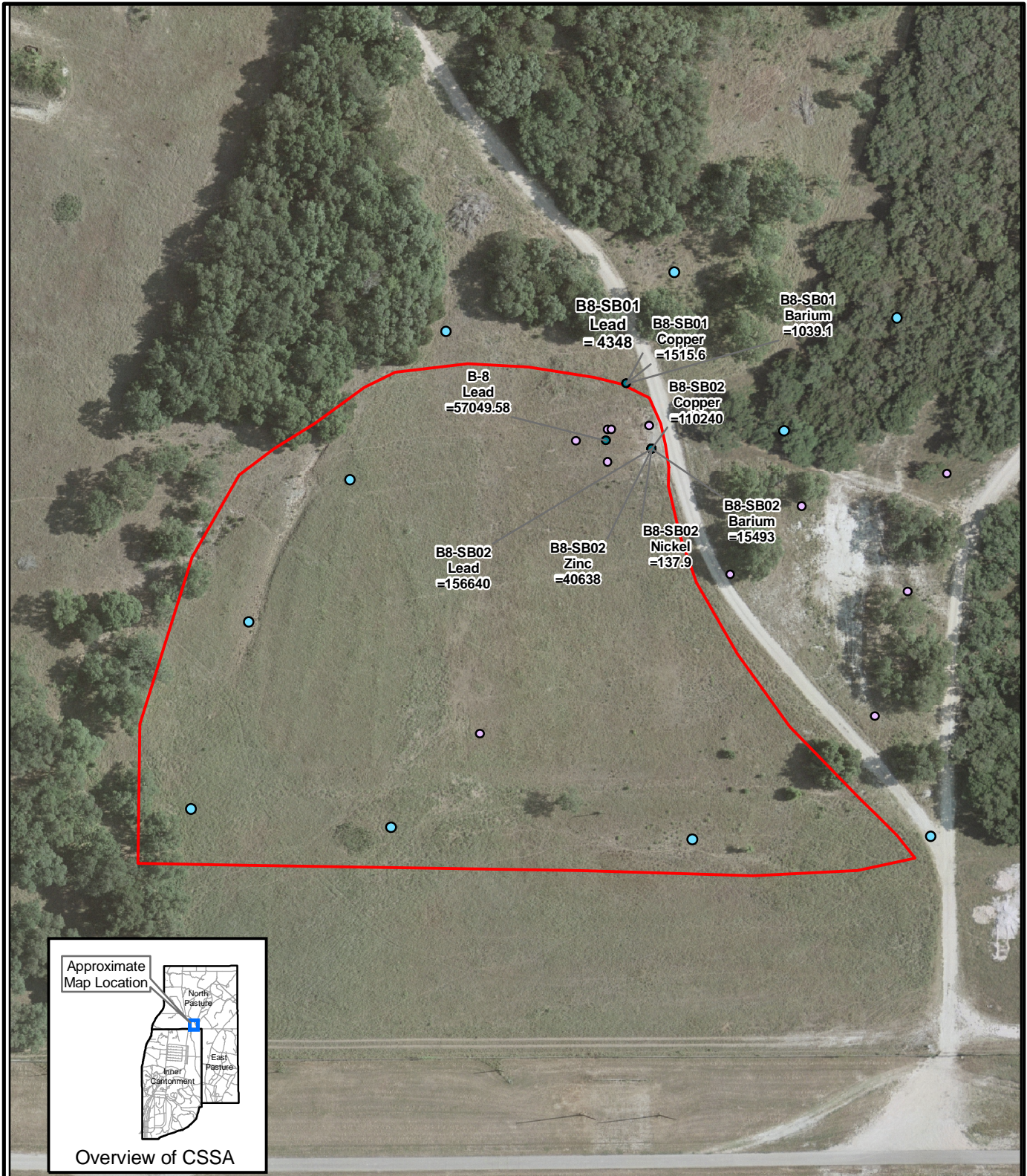
Tables present all laboratory results for analytes detected above the method detection limit. All samples were analyzed by APPL Laboratories. Referenced laboratory package numbers: 43475, 46489. Overexcavated samples were deleted from this table. All samples are surface soil (depth 0 to 1 ft).
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 J- The analyte was positively identified, the quantitation is an estimation.
 M - A matrix effect was present.
 R- The data are unusable due to deficiencies in the ability to analyze the sample and meet Q
 U - The analyte was analyzed for, but not detected. The associated numerical value is the M

Abbreviations and Notes:
 Highlighted and bolded sample concentrations exceed Tier 2 human health 30-acre resident levels.
 Dil Dilution
 FD1 Field Duplicate
 MDL Method Detection Limit
 N1 Environmental Sample
 RL Reporting Limit



200 100 0 200 Feet
Scalebar for Aerial Photographs.

Figure 2-11
SWMU B-8
Aerial Photographs
Camp Stanley Storage Activity
Parsons



- B-8 Boundary
- Surface Soil Results > 30-Acr Residential PCL
- Proposed sample locations

0 55 110 220 Feet

All concentrations mg/kg

J:\CSSA\environmental_files\gisdata\mxd\B8-sample_location_map.mxd

Figure 2-12
 SWMU B-8
 Sample Location Map
 Camp Stanley Storage Activity
 PARSONS

**Table 2-8
Summary of Chemical Constituents Detected in Soils, March 2000
SWMU B-8**

	Sample ID		RW-B8-SB02		RW-B8-SB02		RW-B8-SB03		RW-B8-SB03		RW-B8-SB03		RW-B8-SB03		RW-B8-SB03														
	Sample Date		03/23/00		03/23/00		03/24/00		03/24/00		03/24/00		03/24/00		03/24/00														
	Sample Type		N1		N1		N1		N1		FD1		N1		N1														
Beginning Depth		7		11.5		0.5		8		8		8		13.5															
Ending Depth		7.5		12		1		8.5		8.5		14		14															
Lab ID		AP90321 / Q1340		Q1341		AP90374 / Q1431		AP90376 / Q1432		Q1433		AP90377 / Q1434																	
Soil Comparison Criteria																													
Res SurfSoil PCL	Res SurfSoil PCL Source	Res SubSoil PCL	Res SubSoil PCL Source	Lab MDL	Lab RL	Results	Flags	Dilution	SQL	Results	Flags	Dil	SQL	Results	Flags	Dil	SQL												
SW6010B (mg/kg)																													
Barium	5143 Tier 2	5143	Tier 2	0.044	1.0	12.8	J	5	5.0	6.8	J	5	5.0	224.4	J	5	5.0												
Chromium	1200.096 R30acr_GW_Soil_Ing	1200.096	R30acr_GW_Soil_Ing	0.078	20.0	3.1	F	5	100.0	4.7	F	5	100.0	15.4	F	5	100.0												
Copper	547.59 Tier 2	547.59	Tier 2	0.072	2.0	73.7	J	5	10.0	12.5	J	5	10.0	112.1	5	10.0	4.4	F	5	10.0									
Nickel	78.68 R30acr_GW_Soil_Ing	78.68	R30acr_GW_Soil_Ing	0.118	2.0	2	F	5	10.0	4.2	F	5	10.0	10.3	J	5	10.0	3.1	F	5	10.0								
Zinc	9921.474 R30acr_Tot_Soil_Comb	27173	Tier 2	0.42	2.0	34.7	J	5	10.0	14	J	5	10.0	59.9	5	10.0	9.3	F	5	10.0	10.4	5	10.0	13.8	5	10.0			
SW7060A (mg/kg)																													
Arsenic	19.6 Background	19.6	Background	0.032	0.5	1.11	J	1	0.5	1.22	J	1	0.5	2.8	J	1	0.5	1.2	J	1	0.5	1.8	J	1	0.5	1.89	J	1	0.5
SW7131A (mg/kg)																													
Cadmium	17.7 R30acr_GW_Soil_Ing	17.7	R30acr_GW_Soil_Ing	0.022	0.1	0.022	R	1	0.1	0.022	R	1	0.1	0.3	1	0.1	0.022	U	1	0.1	0.03	F	1	0.1	0.04	F	1	0.1	
SW7421 (mg/kg)																													
Lead	500 R30acr_GW_Soil_Ing	2082	Tier 2	0.069	0.5	8.17		10	5.0	2.44		1	0.5	443.4	M	200	100.0	2.71		1	0.5	2.99		1	0.1	4.69		2	0.1
SW7471A (mg/kg)																													
Mercury	0.091 R30acr_GW_Soil_Ing	0.091	R30acr_GW_Soil_Ing	0.024	0.1	0.024	U	1	0.1	0.024	U	1	0.1	0.024	M	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1
SW8260B (mg/kg)																													
Benzene	0.128 R30acr_GW_Soil_Ing	0.128	R30acr_GW_Soil_Ing	0.0003	0.002	0.0003	U	1	0.002	NA		0.002	0.0003	U	1	0.002	0.0004	F	1	0.002	NA				0.0004	F	1	0.002	
Butylbenzene, N-	60.67 R30acr_GW_Soil_Ing	60.67	R30acr_GW_Soil_Ing	0.0006	0.005	0.0006	U	1	0.005	NA		0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	NA			0.0012	F	1	0.005		
Chloroform	0.5097 R30acr_GW_Soil_Ing	0.5097	R30acr_GW_Soil_Ing	0.0003	0.002	0.0003	U	1	0.002	NA		0.002	0.0005	F	1	0.002	0.0003	U	1	0.002	NA			0.0003	U	1	0.002		
Naphthalene	15.62 R30acr_GW_Soil_Ing	15.62	R30acr_GW_Soil_Ing	0.001	0.02	0.001	U	1	0.02	NA		0.02	0.001	U	1	0.02	0.001	U	1	0.02	NA			0.002	F	1	0.02		
Toluene	4.105 R30acr_GW_Soil_Ing	4.105	R30acr_GW_Soil_Ing	0.0003	0.005	0.0003	U	1	0.005	NA		0.005	0.0003	U	1	0.005	0.0003	U	1	0.005	NA			0.0006	F	1	0.005		
Trichlorobenzene, 1,2,3-	13.14411 R30acr_GW_Soil_Ing	13.14411	R30acr_GW_Soil_Ing	0.0008	0.004	0.0008	U	1	0.004	NA		0.004	0.001	F	1	0.004	0.0013	F	1	0.004	NA			0.0021	F	1	0.004		
Trichlorobenzene, 1,2,4-	2.3957 R30acr_GW_Soil_Ing	2.3957	R30acr_GW_Soil_Ing	0.0006	0.004	0.0006	U	1	0.004	NA		0.004	0.0008	F	1	0.004	0.0011	F	1	0.004	NA			0.002	F	1	0.004		

Tables present all laboratory results for analytes detected above the method detection limit.

All samples were analyzed by APPL Inc. and O'Brien and Gere Laboratories.
Referenced laboratory package numbers: APPL Inc.: 32302, 32289
O'Brien and Gere: 5107, 5122
DataChem 61-01

Surface soil for residential land use 0 to 15 ft; subsurface soil > 15 ft.

Abbreviations and Notes:

Highlighted and bolded sample concentrations exceed 30-acre residential human health protective concentration limits.

- Dil Dilution
- FD1 Field Duplicate
- MDL Method Detection Limit
- N1 Environmental Sample
- NA Not Analyzed, sample bottle broke during shipment
- RL Reporting Limit
- SQL Sample Quantitation Limit

Data Qualifiers:

- F- The analyte was positively identified, but the associated numerical value is below the RL.
- J- The analyte was positively identified, the quantitation is an estimation.
- M- A matrix effect was present.
- R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
- U- The analyte was analyzed for, but not detected. The associated numerical value is the MDL.

**Table 2-9
Summary of Chemical Constituents Detected in Soils, March 2003 and May 2005
SWMU B-8**

	Sample ID	Sample Date	Sample Type	Lab ID	B8-SS01			B8-SS02			B8-SS02			B8-SS03			B8-SS04			B8-SS05			B8-SS06			B8-SS07			B8-SS08			B8-SS09			B8-SS10			B8-SS11		
					Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution
					03/05/03	N1	AP46909	03/05/03	N1		03/05/03	FD1	AP46911	03/05/03	N1	AP46913	03/05/03	N1	AP46915	03/05/03	N1	AP46917	03/05/03	N1	AP46920	03/05/03	N1	AP46923	03/05/03	N1	AP46925	03/05/03	N1	AP46926	03/05/03	N1	AP46927	03/05/03	N1	AP46928
					Soil Comparison Criteria																																			
					Res SurfSoil PCL	Res SurfSoil PCL Source	Lab MDL	Lab RL																																
SW6010B (mg/kg)																																								
Barium	5143	Tier 2	0.044	1.0	120.46	M	1	71.62	M	1	66.7	M	1	1383.01	M	10	2637.6	M	20	1551.49	M	50	4355.05	M	20	223.07	M	1	2378.06	M	20	1014.03	M	10	391.18	M	5	145.1	M	5
Chromium	1200.096	R30acr_GW_Soil_Ing	0.078	20.0	22.1		1	10.9	F	1	9.5	F	1	20.2		1	26.7		1	31.6		1	30		1	22		1	27.6		1	27.8		1	29.7		1	16.3	F	1
Copper	547.59	Tier 2	0.072	2.0	42.46	M	1	58.03	M	1	47.43	M	1	954.97	M	10	2961.88	M	20	5581.39	M	50	514.31	M	20	67.87	M	1	34942.2	M	500	794.26	M	10	96.83	M	1	67.44	M	1
Zinc	9921.474	R30acr_Tot_Soil_Comb	0.42	2.0	45.03	M	1	30.26	M	1	30.65	M	1	383.27	M	10	615.22	M	20	850	M	5	144.78	M	1	93.5	M	1	3607.06	M	20	364.72	M	10	69.3	M	1	37.05	M	1
SW7421 (mg/kg)																																								
Lead	500	R30acr_GW_Soil_Ing	0.069	0.5	40.91	M	100	151.67	M	200	8607.1	M	5000	2837.47	M	1000	41565.45	M	10000	19586.21	M	10000	1626.98	M	1000	436.81	M	100	18840.58	M	10000	1141.67	M	1000	501.36	M	500	625.16	M	200

Tables present all laboratory results for analytes detected above the method detection limit. All samples were analyzed by APPL Inc. Laboratories. Referenced laboratory package number: 40910, 47635. Residential surface soil from 0 to 15 ft; the samples presented on this table are surface soil samples.

Abbreviations and Notes:

FD1 Field Duplicate
MDL Method Detection Limit
N1 Environmental Sample
RL Reporting Limit

Data Qualifiers:

F- The analyte was positively identified, but the associated numerical value is below the RL.
J- The analyte was positively identified, the quantitation is an estimation.
M- A matrix effect was present.
U- The analyte was analyzed for, but not detected. The associated numerical value is the MDL.

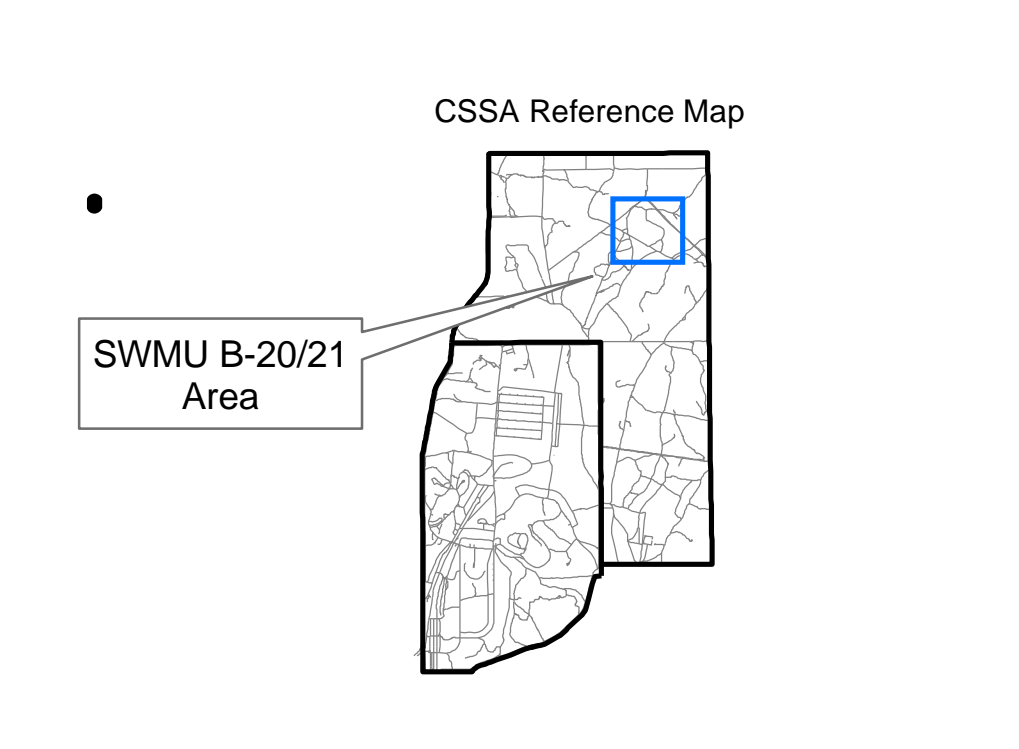
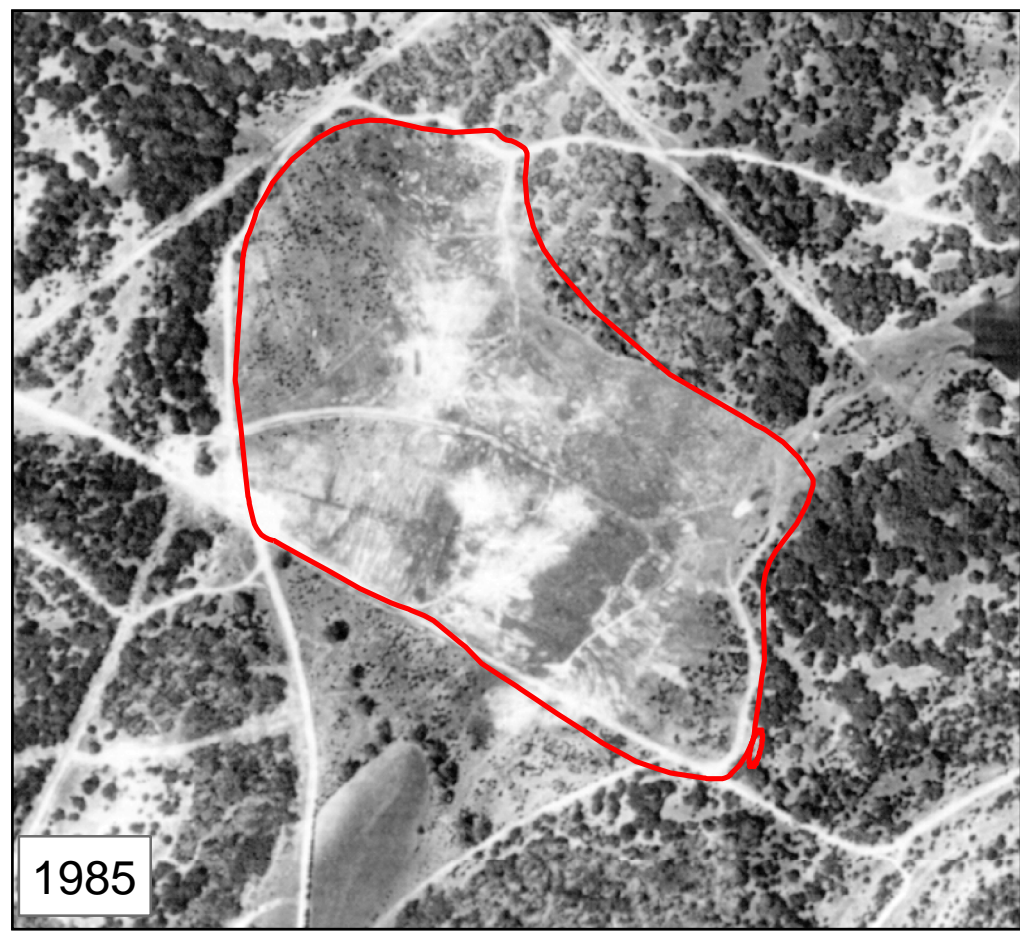
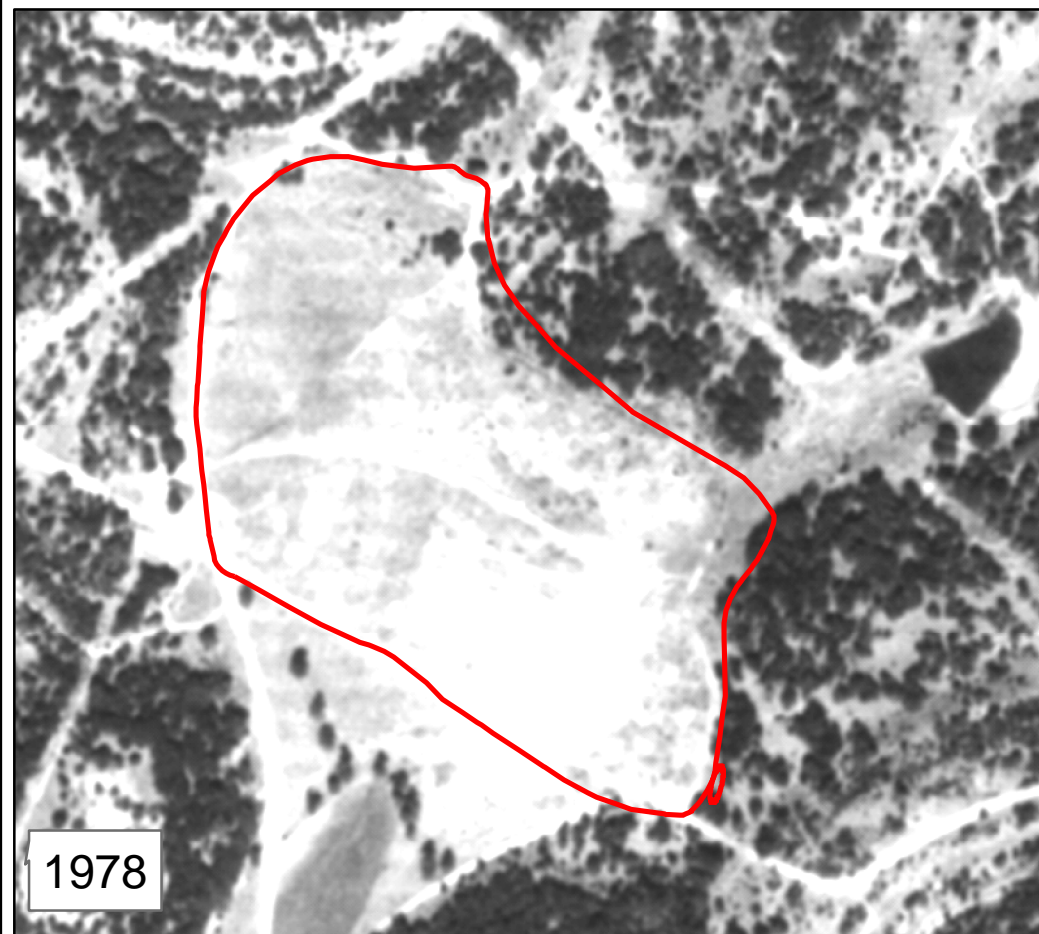
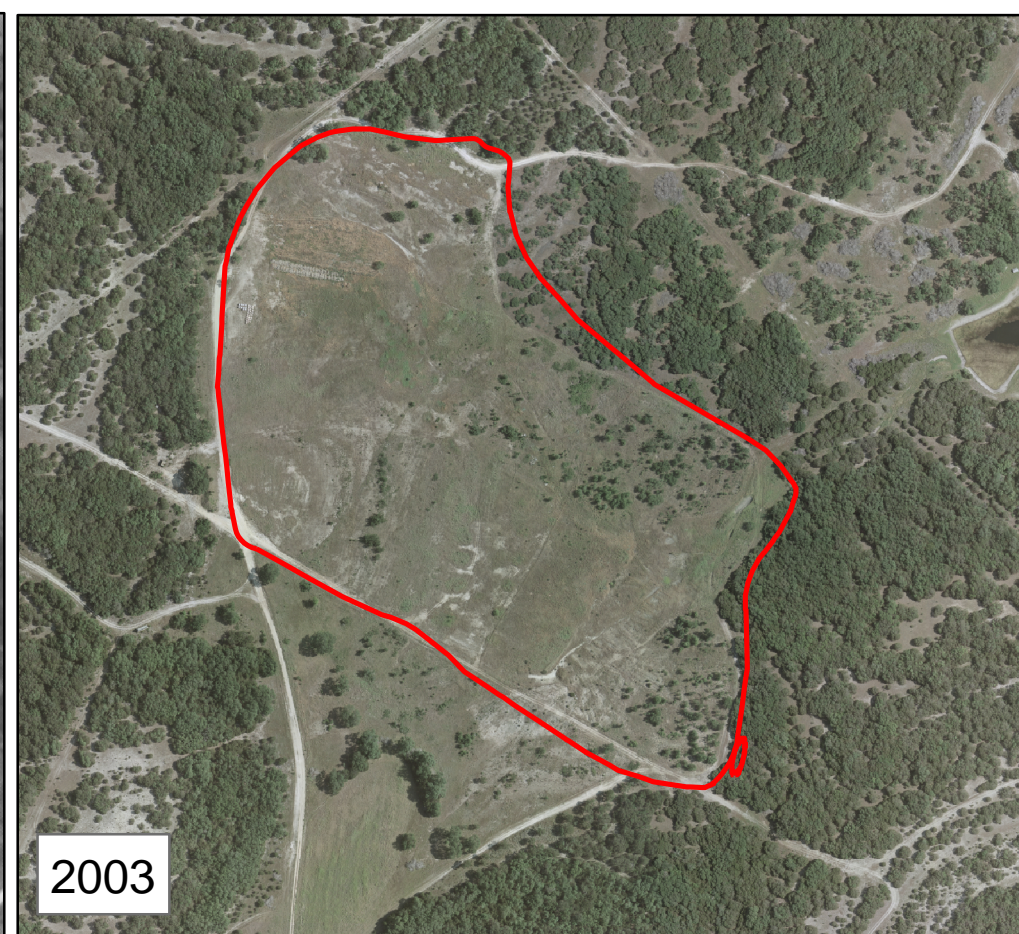
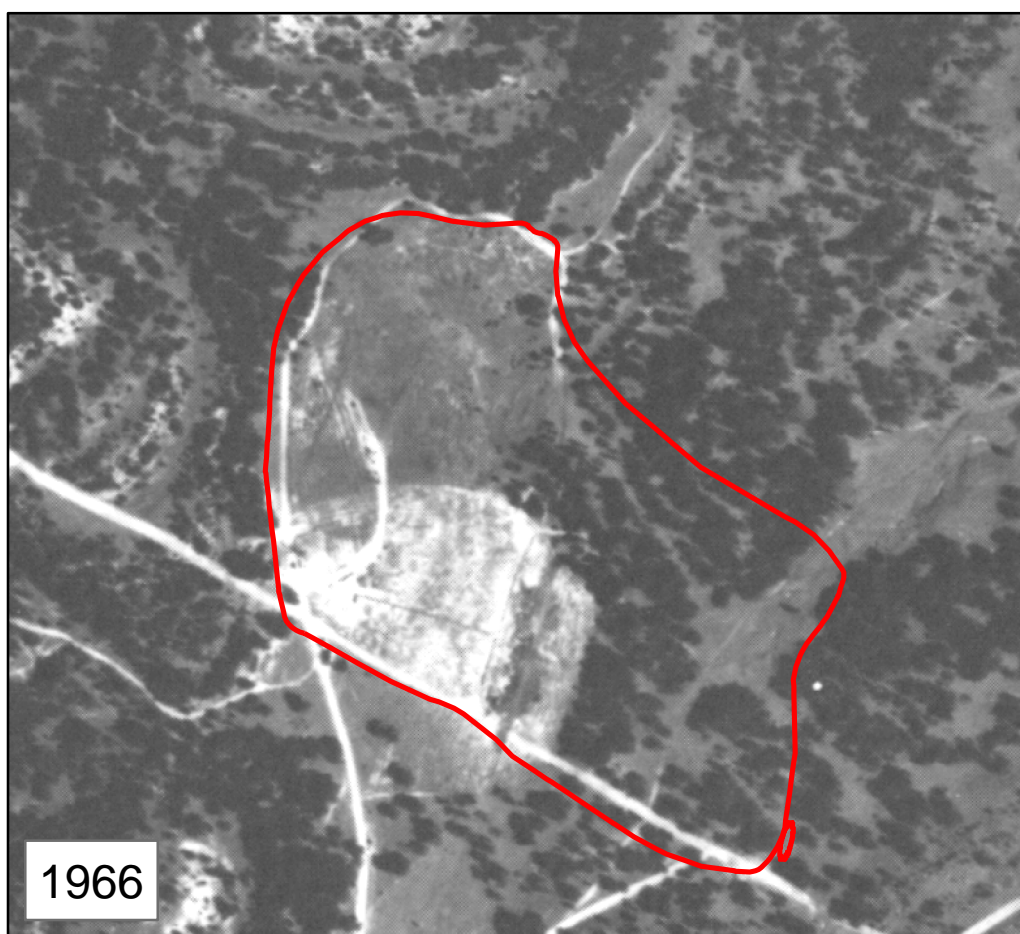
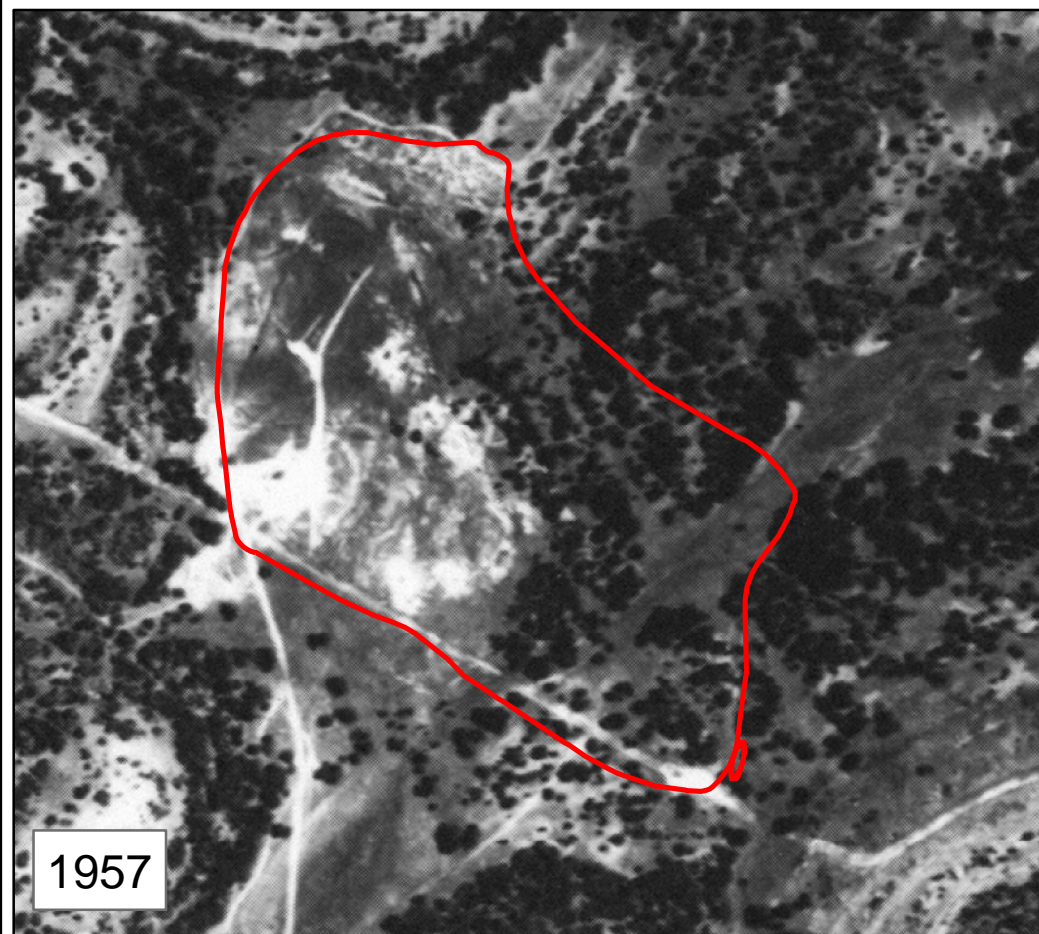
**Table 2-9
Summary of Chemical Constituents Detected in Soils, March 2003 and May 2005
SWMU B-8**

	Sample ID	Sample Date	Sample Type	Lab ID	B8-SS12			B8-SS32			B8-SS33			B8-SS33			B8-SS34			B8-SS35			B8-SS36			B8-SS37			B8-SS38						
					03/05/03			05/31/05			05/31/05			05/31/05			05/31/05			05/31/05			05/31/05			05/31/05									
					N1			N1			N1			FD1			N1			N1			N1			N1			N1						
					AP46929			AX21041			AX21042			AX21043			AX21044			AX21045			AX21046			AX21047			AX21048						
					Soil Comparison Criteria																														
					Res SurfSoil PCL	Res SurfSoil PCL Source	Lab MDL	Lab RL	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution			
SW6010B (mg/kg)					5143	Tier 2	0.044	1.0	55.42	M	5																								
Barium					1200.096	R30acr_GW_Soil_Ing	0.078	20.0	9.5	F	1																								
Chromium					547.59	Tier 2	0.072	2.0	141.36	M	1																								
Copper					9921.474	R30acr_Tot_Soil_Comb	0.42	2.0	33.68	M	1																								
Zinc																																			
SW7421 (mg/kg)																																			
Lead					500	R30acr_GW_Soil_Ing	0.069	0.5	48619.45	M	10000	113.57	M	40	108.08	M	40	94.24	M	20	88.19	M	20	431.72	M	100	25.51	M	10	107.68	M	40	89.14	M	20

Tables present all laboratory results for analytes detected above the method detection limit. All samples were analyzed by APPL Inc. Laboratories. Referenced laboratory package number: 40910, 47635 Residential surface soil from 0 to 15 ft; the samples presented on this table are surface soil

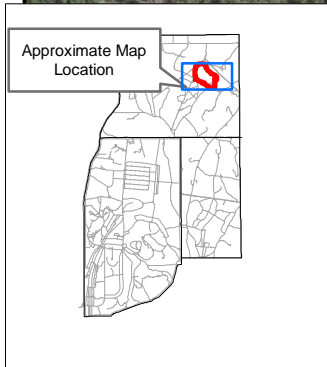
Abbreviations and Notes:
 FD1 Field Duplicate
 MDL Method Detection Limit
 N1 Environmental Sample
 RL Reporting Limit

Data Qualifiers:
 F- The analyte was positively identified, but the associated numerical value is below the RL.
 J- The analyte was positively identified, the quantitation is an estimation.
 M- A matrix effect was present.
 U- The analyte was analyzed for, but not detected. The associated numerical value is the A



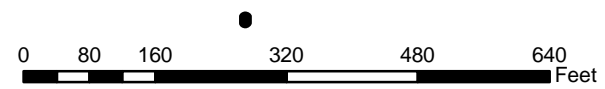
0 175 350 700 1,050 1,400 Feet
Scalebar for Aerial Photographs.

Figure 2-13
SWMU B-20/21
Aerial Photographs
Camp Stanley Storage Activity
Parsons



Overview of CSSA

Aerial Photo Date: 2003



J:\CSSA\environmental_files\gisdata\mxd\B20-21_sample_location_map.mxd

- Proposed Soil Samples (approximate)
- Creeks (Dashed where intermittent)

Figure 2-14
SWMU B-20/21
Parsons

Table 2-10
Summary of Chemical Constituents Detected in Subsurface Soils, March 2000
SWMU B-20

Sample ID	RW-B20-SB01	RW-B20-SB01	RW-B20-SB01	RW-B20-SB01	RW-B20-SB02	RW-B20-SB02	RW-B20-SB03	RW-B20-SB03	RW-B20-SB04	RW-B20-SB04		
Sample Date	03/28/00	03/28/00	03/28/00	03/28/00	03/28/00	03/28/00	03/27/00	03/27/00	03/29/00	03/29/00		
Sample Type	FD1	N1	N1	N1	N1	N1	N1	N1	FD1	N1		
Beginning Depth	0	0	5	15	5	15	15	20.5	20.5	16		
Ending Depth	0.5	0.5	5.5	15.5	5.5	15.5	15.5	21	21	16.5		
Lab ID	00C00744	00C00743	00C00745	00C00746	00C00741	00C00742	00C00666	00C00667	00C00757	00C00755		
	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution
SW8330 (mg/kg)												
Dinitrobenzene, 1,3-	0.042	U	1	0.042	U	1	0.042	U	1	0.042	U	1
Dinitrotoluene, 2,4-	0.038	U	1	0.038	U	1	0.038	U	1	0.038	U	1
Dinitrotoluene, 2,6-	0.11	U	1	0.11	U	1	0.11	U	1	0.11	U	1
HMX	0.038	U	1	0.038	U	1	0.038	U	1	0.038	U	1
Nitrobenzene	0.057	U	1	0.057	U	1	0.057	U	1	0.057	U	1
Nitrotoluene, 2-	0.15	U	1	0.15	U	1	0.15	U	1	0.15	U	1
Nitrotoluene, 3-	0.23	U	1	0.23	U	1	0.23	U	1	0.23	U	1
Nitrotoluene, 4-	0.23	U	1	0.23	U	1	0.23	U	1	0.23	U	1
RDX	0.028	U	1	0.028	U	1	0.028	U	1	0.028	U	1
TETRYL	0.067	U	1	0.067	U	1	0.067	U	1	0.067	U	1
Trinitrobenzene, 1,3,5-	0.041	U	1	0.041	U	1	0.041	U	1	0.041	U	1
Trinitrotoluene, 2,4,6-	0.082	U	1	0.082	U	1	0.082	U	1	0.082	U	1

Sample ID	RW-B20-SB04	RW-B20-SB05	RW-B20-SB05	RW-B20-SB06	RW-B20-SB06	RW-B20-SB07	RW-B20-SB07	RW-B20-SB08	RW-B20-SB08	RW-B20-SB08		
Sample Date	03/29/00	03/28/00	03/28/00	03/28/00	03/28/00	03/27/00	03/27/00	03/27/00	03/27/00	03/27/00		
Sample Type	N1	N1	N1	N1	N1	N1	N1	FD1	N1	N1		
Beginning Depth	20.5	14.5	19.5	10	15.5	16.5	20	20.5	15	20.5		
Ending Depth	21	15	20	10.5	16	17	20.5	21	15.5	21		
Lab ID	00C00756	00C00749	00C00750	00C00747	00C00748	00C00659	00C00660	00C00664	00C00662	00C00663		
	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution
SW8330 (mg/kg)												
Dinitrobenzene, 1,3-	0.042	U	1	0.042	U	1	0.042	U	1	0.042	U	1
Dinitrotoluene, 2,4-	0.038	U	1	0.038	U	1	0.038	U	1	0.038	U	1
Dinitrotoluene, 2,6-	0.11	U	1	0.11	U	1	0.11	U	1	0.11	U	1
HMX	0.038	U	1	0.038	U	1	0.038	U	1	0.038	U	1
Nitrobenzene	0.057	U	1	0.057	U	1	0.057	U	1	0.057	U	1
Nitrotoluene, 2-	0.15	U	1	0.15	U	1	0.15	U	1	0.15	U	1
Nitrotoluene, 3-	0.23	U	1	0.23	U	1	0.23	U	1	0.23	U	1
Nitrotoluene, 4-	0.23	U	1	0.23	U	1	0.23	U	1	0.23	U	1
RDX	0.028	U	1	0.028	U	1	0.028	U	1	0.028	U	1
TETRYL	0.067	U	1	0.067	U	1	0.067	U	1	0.067	U	1
Trinitrobenzene, 1,3,5-	0.041	U	1	0.041	U	1	0.041	U	1	0.041	U	1
Trinitrotoluene, 2,4,6-	0.082	U	1	0.082	U	1	0.082	U	1	0.082	U	1

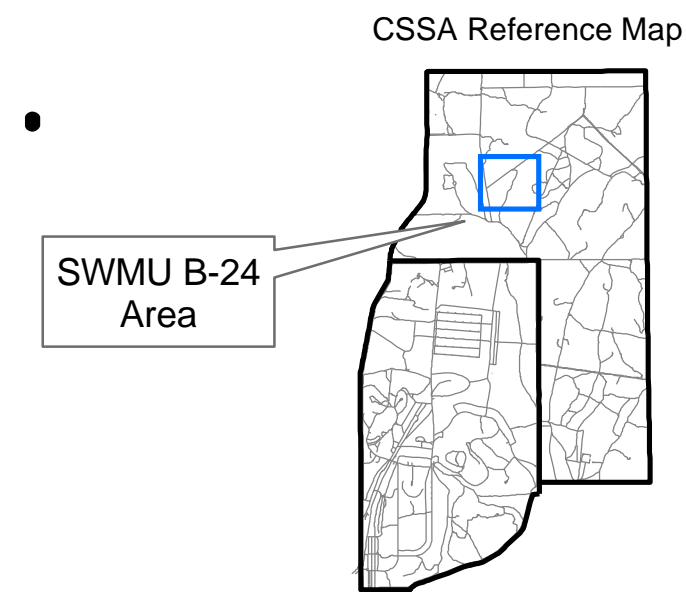
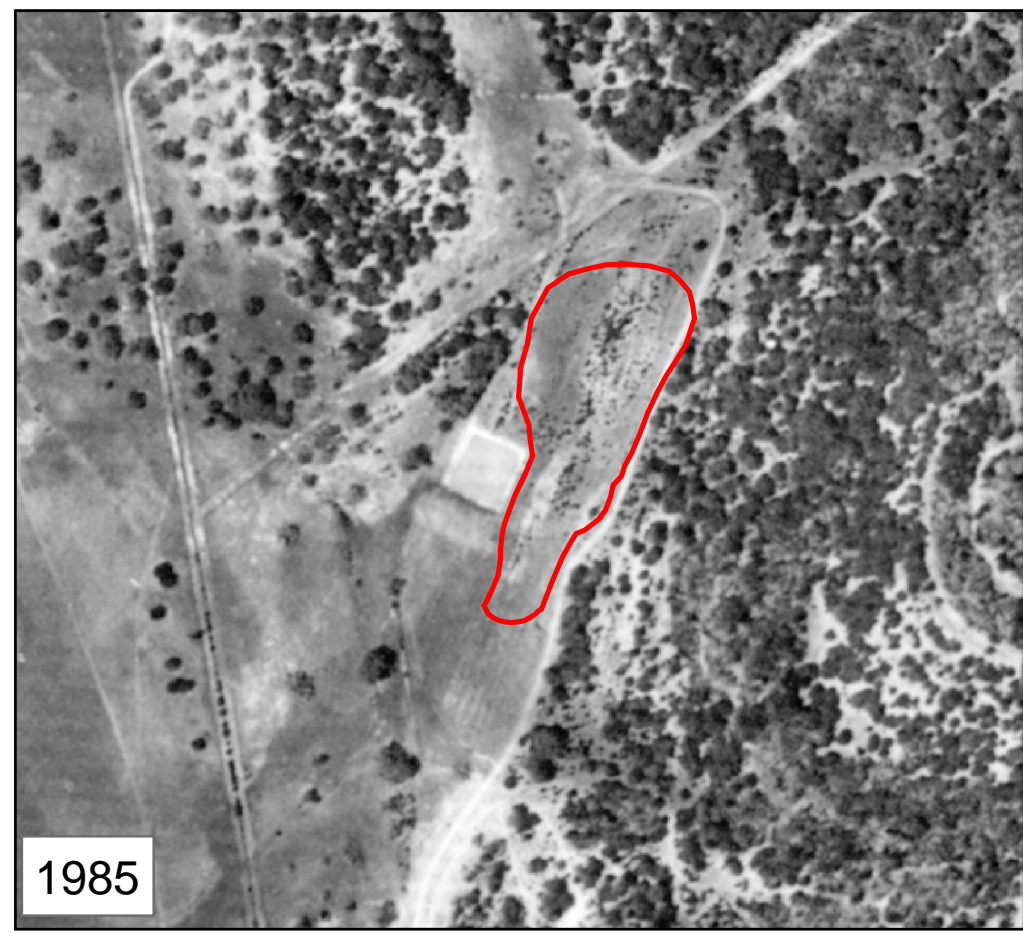
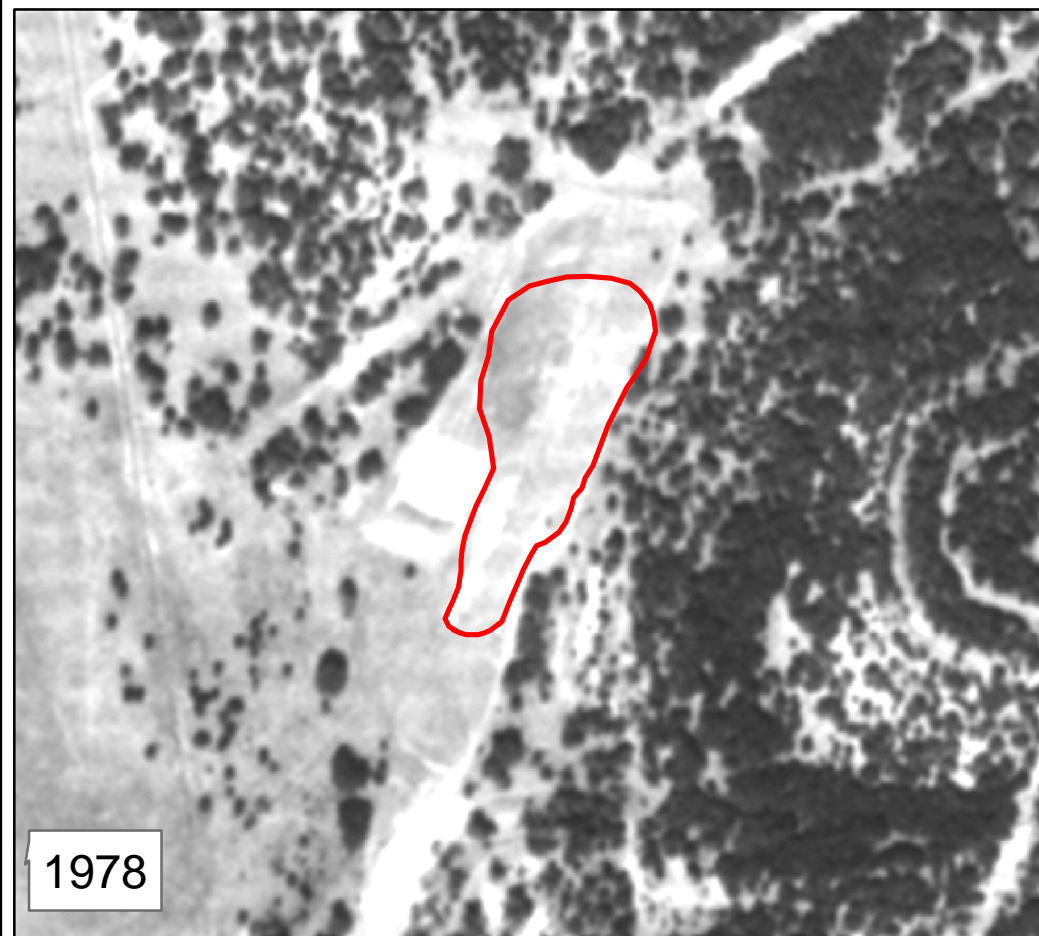
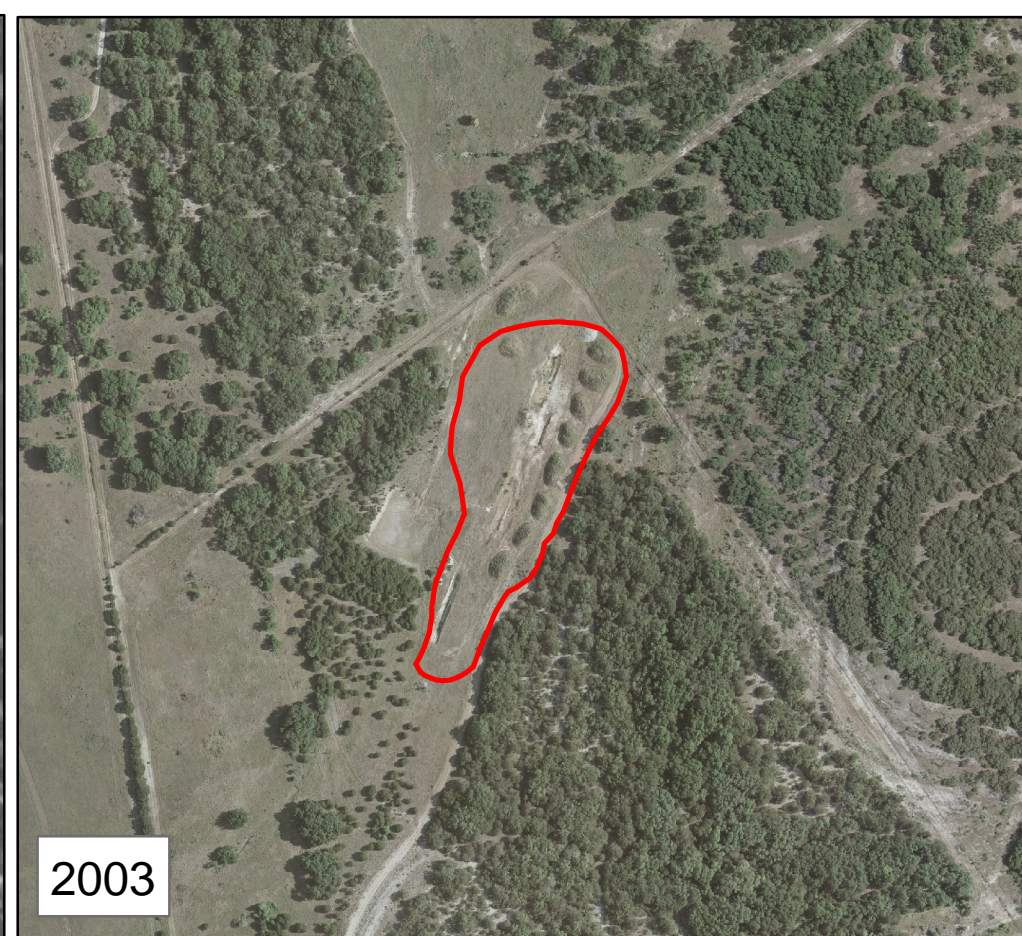
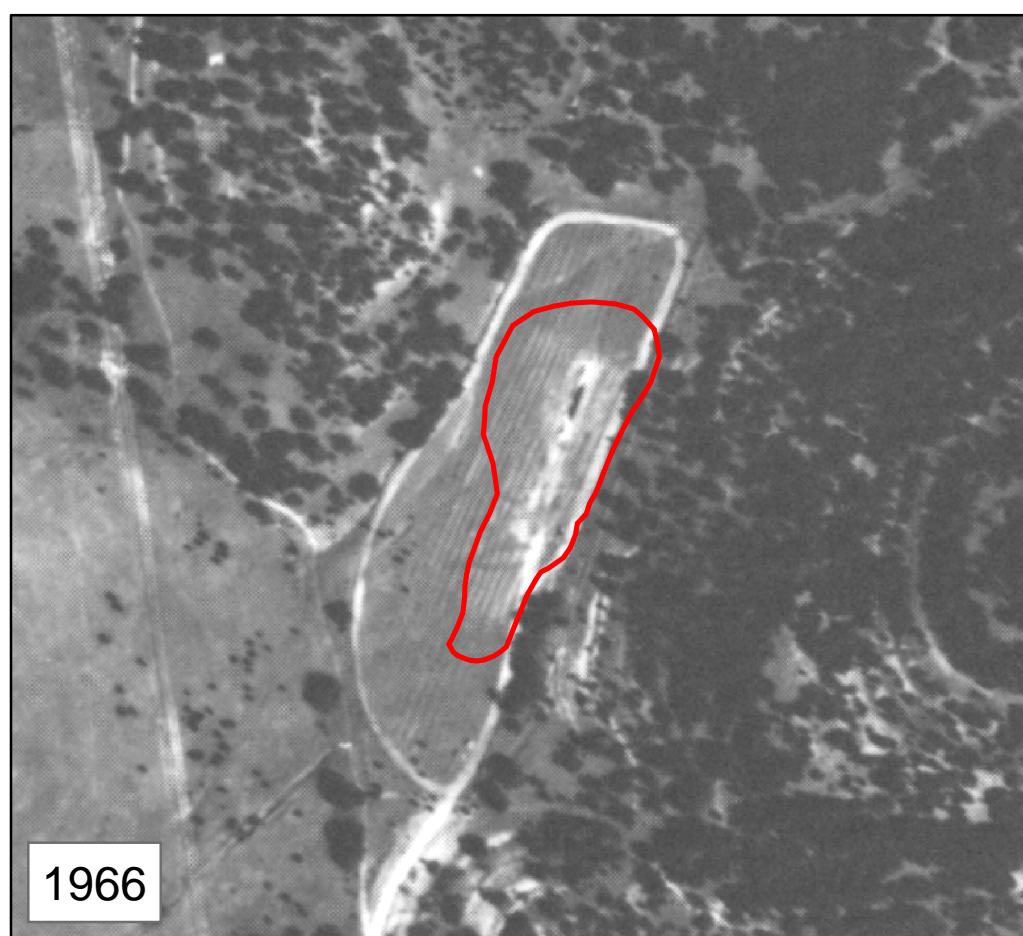
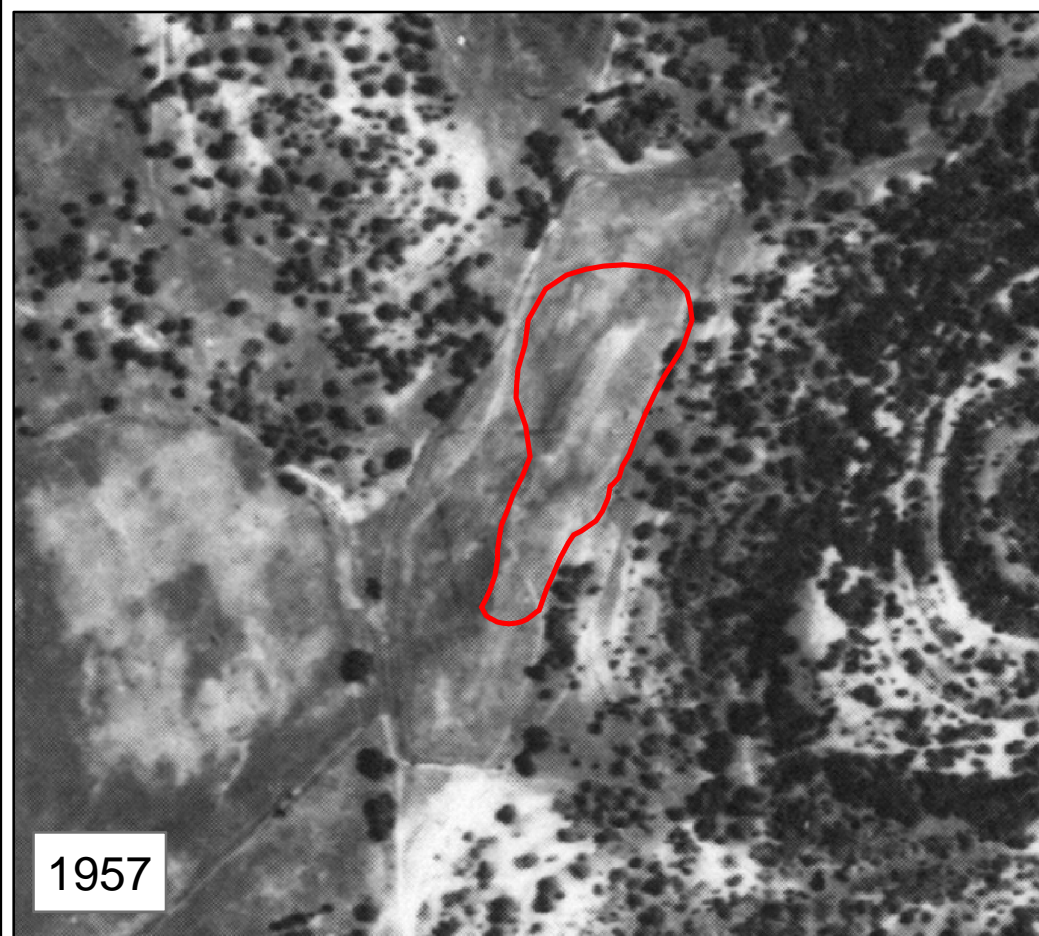
All samples were analyzed by DataChem Laboratory
Referenced laboratory package numbers: DataChem: 70-01, 78-01
All MS/MSD results are presented in the Data Verification Report, Appendix E.

Abbreviations and Notes:

DL Dilution
FD1 Field Duplicate
N1 Environmental Sample

Data Qualifiers:

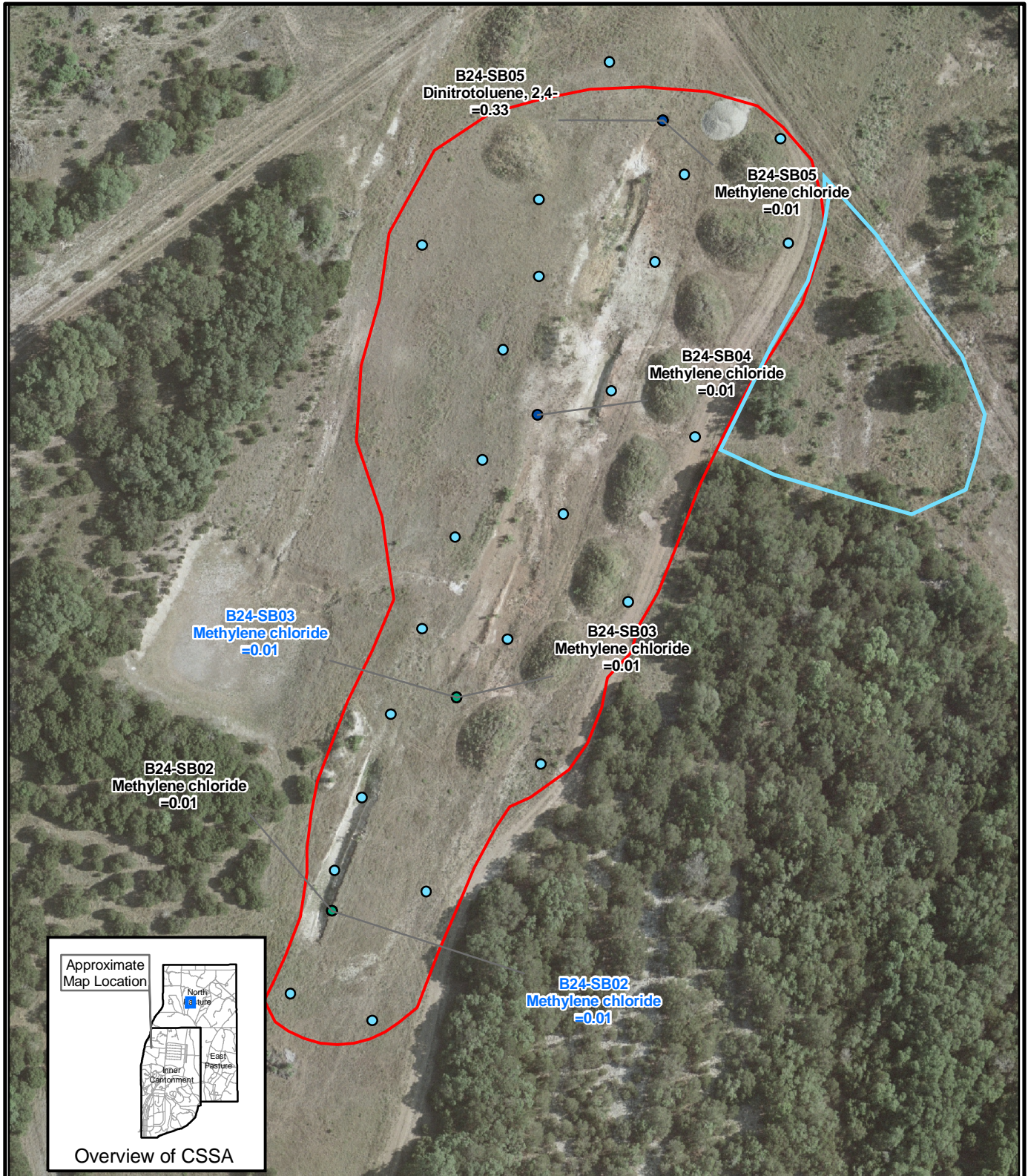
U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL.



0 135 270 540 810 1,080 Feet

Scalebar for Aerial Photographs.

Figure 2-15
SWMU B-24
Aerial Photographs
Camp Stanley Storage Activity
Parsons



- ▭ B-24 Boundary
- ▭ Proposed survey area
- Proposed surface soil samples
- Surface Soil Results > 30-Acr Residential PCL
- Subsurface Soil Results > 30-Acr Residential PCL

0 25 50 100
 Feet

All concentrations mg/kg

Figure 2-16

SWMU B-24
 Sample Location Map
 Camp Stanley Storage Activity

PARSONS

**Table 2-11
Summary of Chemical Constituents Detected in Soil at SWMU B-24, March 2000**

	Soil Comparison Criteria		B24-SB01 03/29/00 N1 Kr 0 0.5 AP90458/00C00759				B24-SB01 03/29/00 N1 GR 9.5 10 AP90459/00C00760				B24-SB01 03/29/00 N1 GR 19 19.5 AP90460/00C00761				B24-SB02 03/29/00 N1 Kr 0 0.5 AP90461/00C00762				B24-SB02 03/29/00 N1 GR 9.5 10 AP90462/00C00763				B24-SB02 03/29/00 N1 GR 19.5 20 AP90463/00C00764				B24-SB03 03/30/00 N1 Kr 0 0.5 AP90500/00C00765				B24-SB03 03/30/00 FD1 Kr 0 0.5 AP90501/00C00766				B24-SB03 03/30/00 N1 GR 11.5 12 AP90502/00C00767																	
	Lab	MDL	Lab	RL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL																
SW6010B (mg/kg)																																																				
Barium	0.08	1.0	62.69	J	1	1.0		7.41	J	1	1.0		10.08	J	1	1.0		66.93	J	1	1.0		5.94	J	1	1.0		7.8	J	1	1.0		116.25	J	1	1.0		107.88	J	1	1.0		4.56	J	1	1.0						
Chromium	0.1	20.0	17.1	F	1	20.0		7.9	F	1	20.0		11.1	F	1	20.0		22.2	F	1	20.0		6.5	F	1	20.0		7.0	F	1	20.0		31.1	F	1	20.0		30.8	F	1	20.0		2.8	F	1	20.0						
Copper	0.19	2.0	13.45		1	2.0		3.45		1	2.0		6.62		1	2.0		13.19		1	2.0		2.89		1	2.0		4.57		1	2.0		17.07		1	2.0		16.26		1	2.0		1.8	F	1	2.0						
Nickel	0.12	2.0	9.59	J	1	2.0		3.33	J	1	2.0		5.13	J	1	2.0		11.35	J	1	2.0		2.79	J	1	2.0		4.75	J	1	2.0		15.82	J	1	2.0		15.29	J	1	2.0		2.83	J	1	2.0						
Zinc	0.63	5.0	32.95		1	5.0		10.36		1	5.0		7.33		1	5.0		28.98		1	5.0		7.46		1	5.0		9.58		1	5.0		39.08		1	5.0		35.86		1	5.0		5.73		1	5.0						
SW7060A (mg/kg)																																																				
Arsenic	0.04	0.5	2.23		1	0.5		0.04	U	1	0.5		0.65		1	0.5		2.96		1	0.5		0.04	U	1	0.5		0.04	U	1	0.5		3.60	J	1	0.5		1.59	J	1	0.5		0.04	R	1	0.5						
SW7131A (mg/kg)																																																				
Cadmium	0.01	0.1	0.19		1	0.1		0.01	U	1	0.1		0.01	U	1	0.1		0.21		1	0.1		0.01	U	1	0.1		0.01	U	1	0.1		0.28	J	1	0.1		0.23	J	1	0.1		0.01	R	1	0.1						
SW7421 (mg/kg)																																																				
Lead	0.13	0.5	19.39	J	5	2.5		2.21	J	1	0.5		6.12	J	5	2.5		20.16	J	5	2.5		1.93	J	1	0.5		2.18	J	1	0.5		28.56	J	10	5.0		23.11	J	5	2.5		0.50	J	1	0.5						
SW7471A (mg/kg)																																																				
Mercury	0.01	0.1	0.02	F	1	0.1		0.01	U	1	0.1		0.01	U	1	0.1		0.02	F	1	0.1		0.01	U	1	0.1		0.01	U	1	0.1		0.01	U	1	0.1		0.01	U	1	0.1		0.01	U	1	0.1						
SW8260B (mg/kg)																																																				
Benzene	0.0003	0.002	0.0003	U	1	0.002		0.0003	U	1	0.002		0.0004	F	1	0.002		0.0003	U	1	0.002		0.0003	U	1	0.002		0.0003	U	1	0.002		0.0003	U	1	0.002		0.0003	U	1	0.002		0.0003	U	1	0.002		0.0003	U	1	0.002	
Butylbenzene, N-	0.0006	0.005	0.0008	F	1	0.005		0.0006	U	1	0.005		0.0008	F	1	0.005		0.0006	U	1	0.005		0.0006	U	1	0.005		0.0006	U	1	0.005		0.0006	U	1	0.005		0.0006	U	1	0.005		0.0006	U	1	0.005		0.0006	U	1	0.005	
Methylene chloride	0.0007	0.005	0.0007	U	1	0.005		0.0007	U	1	0.005		0.0007	U	1	0.005		0.0115	F	1	0.005		0.0094	F	1	0.005		0.0075	F	1	0.005		0.0101	B	1	0.005		0.0081	B	1	0.005		0.0059	B	1	0.005		0.0059	B	1	0.005	
Naphthalene	0.001	0.02	0.002	F	1	0.02		0.001	U	1	0.02		0.002	F	1	0.02		0.003	F	1	0.02		0.002	F	1	0.02		0.002	F	1	0.02		0.001	U	1	0.02		0.001	U	1	0.02		0.001	U	1	0.02						
Tetrachloroethene	0.0005	0.007	0.0005	U	1	0.007		0.0005	U	1	0.007		0.0005	U	1	0.007		0.0005	U	1	0.007		0.0005	U	1	0.007		0.0005	U	1	0.007		0.0011	F	1	0.007		0.0005	U	1	0.007		0.0005	U	1	0.007						
Toluene	0.0003	0.005	0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005		0.0003	U	1	0.005						
Trichlorobenzene, 1,2,3-	0.0008	0.004	0.0019	F	1	0.004		0.0011	F	1	0.004		0.0018	F	1	0.004		0.0015	F	1	0.004		0.0013	F	1	0.004		0.0013	F	1	0.004		0.0008	U	1	0.004		0.0008	U	1	0.004		0.0008	U	1	0.004						
Trichlorobenzene, 1,2,4-	0.0006	0.004	0.0016	F	1	0.004		0.0009	F	1	0.004		0.0019	F	1	0.004		0.0014	F	1	0.004		0.0010	F	1	0.004		0.0009	F	1	0.004		0.0006	U	1	0.004		0.0006	U	1	0.004		0.0006	U	1	0.004						
SW8270C (mg/kg)																																																				
Bis(2-ethylhexyl)phthalate	0.03	0.7	0.16	F	1	0.7		2.20		1	0.7		0.03	U	1	0.7		0.04	F	1	0.7		1.40		1	0.7		0.22	F	1	0.7		0.05	F	1	0.7		0.03	U	1	0.7		13.00		10	7.0						
Di-n-butylphthalate	0.04	0.7	0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7		0.04	U	1	0.7						
SW8330 (mg/kg)																																																				
Dinitrotoluene, 2,4-	0.027	0.25	0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25		0.027	U	1	0.25						

Tables present all laboratory results for analytes detected above the method detection limit. All samples were analyzed by APPL Inc. and DataChem Laboratories. Referenced laboratory package numbers: APPL Inc.: 32326, 32337 DataChem: 79-01, 80-01

Data Qualifiers:

- B- The analyte was found in an associated blank, as well as in the sample
- F- The analyte was positively identified, but the associated numerical value is below the RL.
- J- The analyte was positively identified, the quantitation is an estimation.
- M- A matrix effect was present.
- R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
- U- The analyte was analyzed for, but not detected. The associated numerical value is the MDL.

Abbreviations and Notes:

- DL Dilution
- FD1 Field Duplicate
- MDL Method Detection Limit
- N1 Environmental Sample
- RL Reporting Limit
- SQL Sample Quantitation Limit

**Table 2-11
Summary of Chemical Constituents Detected in Soil at SWMU B-24, March 2000**

	Soil Comparison Criteria		B24-SB03 03/30/00 N1 GR 19.5 20 AP90503/00C00768				B24-SB04 03/30/00 N1 Kr 0 0.5 AP90504/00C00769				B24-SB04 03/30/00 N1 GR 7.5 8 AP90505/00C00770				B24-SB04 03/30/00 N1 GR 18 18.5 AP90506/00C00771				B24-SB05 03/30/00 N1 Kr 0 0.5 AP90507/00C00772				B24-SB05 03/30/00 N1 GR 12 14 AP90509/00C00773				B24-SB05 03/30/00 FD1 GR 12 14 AP90512/00C00774				B24-SB05 03/30/00 N1 GR 17.5 18 AP90513/00C00775					
	Lab	MDL	Lab	RL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL				
SW6010B (mg/kg)																																				
Barium	0.08	1.0			6.52	J	1	1.0	47.45	J	1	1.0	5.31	J	1	1.0	4.5	J	1	1.0	118.78	J	1	1.0	8.53	J	1	1.0	7.72	J	1	1.0	9.83	J	1	1.0
Chromium	0.1	20.0			7.6	F	1	20.0	11.3	F	1	20.0	4.3	F	1	20.0	4.5	F	1	20.0	30.5		1	20.0	7.6	F	1	20.0	7.1	F	1	20.0	10.1	F	1	20.0
Copper	0.19	2.0			2.8		1	2.0	4.68		1	2.0	2.75		1	2.0	2.6		1	2.0	20.5		1	2.0	3.09		1	2.0	3.11		1	2.0	5.44		1	2.0
Nickel	0.12	2.0			3.09	J	1	2.0	5.79	J	1	2.0	2	J	1	2.0	3.12	J	1	2.0	16.15	J	1	2.0	5.21	M	1	2.0	4.63	M	1	2.0	5.82	J	1	2.0
Zinc	0.63	5.0			6.26		1	5.0	12.74		1	5.0	3.94	F	1	5.0	5.11		1	5.0	44.01		1	5.0	8.47		1	5.0	10.24		1	5.0	9.02		1	5.0
SW7060A (mg/kg)																																				
Arsenic	0.04	0.5			0.04	R	1	0.5	0.04	R	1	0.5	0.04	R	1	0.5	0.71	J	1	0.5	0.04	R	1	0.5	0.04	R	1	0.5	0.16	F	1	0.5	1.30	J	1	0.5
SW7131A (mg/kg)																																				
Cadmium	0.01	0.1			0.01	R	1	0.1	0.08	F	1	0.1	0.01	R	1	0.1	0.01	R	1	0.1	0.24	J	1	0.1	0.01	R	1	0.1	0.01	R	1	0.1	0.07	F	1	0.1
SW7421 (mg/kg)																																				
Lead	0.13	0.5			1.55	J	1	0.5	5.80	J	5	2.5	0.30	J	1	0.5	1.30	J	1	0.5	42.94	J	10	5.0	3.05	M	1	0.5	2.18	M	1	0.5	5.85	J	5	2.5
SW7471A (mg/kg)																																				
Mercury	0.01	0.1			0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.03	F	1	0.1	0.06	F	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1
SW8260B (mg/kg)																																				
Benzene	0.0003	0.002			0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0004	F	1	0.002
Butylbenzene, N-	0.0006	0.005			0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	M	1	0.005	0.0006	M	1	0.005	0.0006	U	1	0.005
Methylene chloride	0.0007	0.005			0.0056	B	1	0.005	0.0053	B	1	0.005	0.0045	F	1	0.005	0.0038	F	1	0.005	0.0053	B	1	0.005	0.0049	F	1	0.005	0.0037	F	1	0.005	0.0050	B	1	0.005
Naphthalene	0.001	0.02			0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	M	1	0.02	0.001	M	1	0.02	0.001	U	1	0.02
Tetrachloroethene	0.0005	0.007			0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Toluene	0.0003	0.005			0.0004	F	1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0011	F	1	0.005	0.0075		1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0010	F	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	0.004			0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	M	1	0.004	0.0008	M	1	0.004	0.0008	U	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	0.004			0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	M	1	0.004	0.0006	M	1	0.004	0.0006	U	1	0.004
SW8270C (mg/kg)																																				
Bis(2-ethylhexyl)phthalate	0.03	0.7			2.20		1	0.7	0.03	U	1	0.7	27.00		20	14	2.00		1	0.7	0.03	U	1	0.7	14.00	M	10	7.0	0.26	M	1	0.7	2.70		1	0.7
Di-n-butylphthalate	0.04	0.7			0.04	U	1	0.7	0.04	U	1	0.7	0.06	F	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7
SW8330 (mg/kg)																																				
Dinitrotoluene, 2,4-	0.027	0.25			0.027	U	1	0.25	0.027	U	1	0.25	0.027	U	1	0.25	0.027	U	1	0.25	0.328		1	0.25	0.027	U	1	0.25	0.027	U	1	0.25	0.027	U	1	0.25

Tables present all laboratory results for analytes detected
All samples were analyzed by APPL Inc. and DataChem I
Referenced laboratory package numbers: APPL Inc.: 323;
DataChem: 79-

Abbreviations and Notes:
DL Dilution
FD1 Field Duplicate
MDL Method Detection Limit
N1 Environmental Sample
RL Reporting Limit
SQL Sample Quantitation Limit

Data Qualifiers:

B- The analyte was found in an associated blank, as well as in the sample
F- The analyte was positively identified but the associated numerical value is below the RL.
J- The analyte was positively identified, the quantitation is an estimation.
M- A matrix effect was present.
R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
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